PB85-229672

BACT/LAER (Best Available Control Technology/Lowest Achievable Emission Rate) Clearinghouse: A Compilation of Control Technology Determinations. Volume 2A Appendix G. Source Type Codes 1.0-4.0

PEI Associates, Inc., Cincinnati, OH

Prepared for

Environmental Protection Agency
Research Triangle Park, NC

Jun 85

U.S. Department of Commerce
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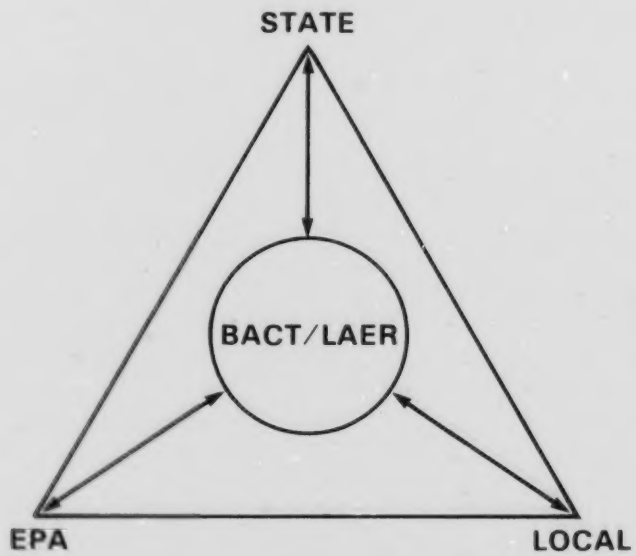
EPA-450/3-85-016b

BACT/LAER Clearinghouse—

PB85-229672

A Compilation Of Control Technology Determinations

Volume IIA
Appendix G
Source Type Codes 1.0 - 4.0



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June 1985

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15. SUPPLEMENTARY NOTES This report will be supplemented from time to time as new determinations require. Users of this report should contact Regional Offices to get the number of subsequent reports.

16. ABSTRACT

This volume contains the detailed source listings for the determinations submitted in source type code 1.0 through source type code 4.0.

The detailed source listing normally contains the following information: source type and size; company name and location; whether determination was BACT or LAER for new or modified source; the person, agency and phone number that made the determination; permit issue date; estimated date of start-up; processes subject to this permit; through-put capacity; pollutant(s) emitted; emission limits; control equipment or process modification; a section for notes; and review status dates.

17. KEY WORDS AND DOCUMENT ANALYSIS

a. DESCRIPTORS	b. IDENTIFIERS/OPEN ENDED TERMS	c. COSATI Field/Group
Air Pollution Industrial Processes Combustion Sources Control Equipment Coal Oil Bark Nitrogen Oxides Scrubbers Baghouses Electrostatic Precipitators	Air Pollution Control Stationary Sources BACT LAER Sulfur Dioxide Particulate VOC	

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BACT/LAER Clearinghouse

Prepared By

Emission Standards And Engineering Division

U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Air Quality Planning and Standards
Research Triangle Park, North Carolina 27711

June 1985

DISCLAIMER

This report was prepared by PEI Associates, Inc., Cincinnati, Ohio, under Contract No. 68-02-3890, Work Assignment No. 4. It has been reviewed by the Emission Standards and Engineering Division of the Office of Air Quality Planning and Standards, U.S. Environmental Protection Agency and approved for publication. Approval does not signify that the contents necessarily reflect the views and policies of the U.S. Environmental Protection Agency. Mention of trade names or commercial products is not intended to constitute endorsement or recommendation for use. Copies of this report are available from the National Technical Information Service, 5285 Port Royal Road, Springfield, Virginia 22161.

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SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 1780.00 MW

COMPANY NAME/SITE LOCATION: AL ELEC COOP INC, P. O. BOX 550 — ANDALUSIA, AL 36420, CHOCTAW COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. AL 071
DETERMINATION MADE BY: ALABAMA APCD (AGENCY); SUE ROBERTSON (AGENCY CONTACT PERSON); (205)-834-6570 (PHONE)

DATE OF PERMIT ISSUANCE-- 02/24/81
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS		CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, LIGNITE FIRED, 4	4805.00 MMBTU/H EA					
		PM	144.0000	LB/H		NSPS
			631.0000	T/YR		
					ESP	99.80
		SO2	3803.0000	LB/H		NSPS
			16658.0000	T/YR		
					FGD	90.00
		NOX	2883.0000	LB/H		NSPS
			12628.0000	T/YR		
					BOILER DESIGN & OPERATION	
		CO	470.0000	LB/H		BACT
			2060.0000	T/YR		
					BOILER DESIGN & OPERATION	

NOTES --------
ESTIMATED STARTUP DATES -- UNIT 1, 3/86 - UNIT 2, 5/91 - UNIT 3, 7/96 - UNIT 4, 9/01.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 248.00 MMBTU/H

COMPANY NAME/SITE LOCATION: ALABAMA POWER CO. POWELL AVE. STEAM HEAT PLT — BIRMINGHAM, AL

DETERMINATION IS BACT
PERMIT NO. 4-07-0010-8401,02,07
DETERMINATION MADE BY: JEFFERSON COUNTY HEALTH DEPT. (AGENCY) — KEN HALL (AGENCY CONTACT PERSON) — (205)-933-9110 (PHONE)

DATE OF PERMIT ISSUANCE-- 09/10/84
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL-FIRED	248.00 MMBTU/H TOT*	PM	0.0500 LB/MMBTU	BAGHOUSE	NSPS 99.60
		SO2	1.1700 LB/MMBTU	LOW S COAL	BACT
		NOX	0.6000 LB/MMBTU	OPERATING PRACTICES	NSPS

NOTES --------
PERMITS ARE FOR ONE NEW 146.0 MMBTU/H COAL-FIRED BOILER & TWO EXISTING 51.0 MMBTU/H GAS/OIL-FIRED BOILERS MODIFIED TO BURN COAL. COMMON BAGHOUSE & STACK FOR THE THREE UNITS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 180.00 MMBTU/H

COMPANY NAME/SITE LOCATION: AMALGAMAIZE CO. — DECATUR, AL

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 712-0039-X018
DETERMINATION MADE BY: ALABAMA DEM (AGENCY); SUE ROBERTSON (AGENCY CONTACT PERSON); (205)-271-7861 (PHONE)

DATE OF PERMIT ISSUANCE-- 11/29/84
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL-FIRED	179.74 MMBTU/H				
		PM	0.0500 LB/MMBTU		NSPS
				BAGHOUSE	98.00
		SO2	2.2700 LB/MMBTU		SIP
				LOW S COAL	
		NOX	0.5700 LB/MMBTU		BACT
				BOILER DESIGN & OPERATING PRACTICES	
		CO	0.2000 LB/MMBTU		BACT
				BOILER DESIGN & OPERATING PRACTICES	

NOTES --------
BOILER IS RESTRICTED TO MAX OPERATING HEAT INPUT CAPACITY OF 166.0 MMBTU/H. NET CONTEMPORANEOUS REDUCTION FOR SO2, THEREFORE B ACT NOT APPLICABLE. DETERMINATION ALSO MADE BY TRI-COUNTY DISTRICT HEALTH SERVICE.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 14.80 MW

COMPANY NAME/SITE LOCATION: AMERICAN LIGNITE PRODUCTS — IONE, CA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. SJ 83-02
DETERMINATION MADE BY: EPA REGION IX (AGENCY) — JOE SLAMOVICH (AGENCY CONTACT PERSON) — (415)-974-8235 (PHONE)

DATE OF PERMIT ISSUANCE-- 01/10/84
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COMBUSTOR, FLUIDIZED BED	23.80 T/H				
		NO2	61.5000 LB/H	CIRCULATING FLUIFIZED BED	
		CO	34.2000 LB/H	CIRCULATING FLUIDIZED BED	
		SO2	65.0000 LB/H	LIMESTONE INJECTION	94.30
		PM	7.5000 LB/H	BAGHOUSE	99.90

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 17.00 MW

COMPANY NAME/SITE LOCATION: AMERICAN LIGNITE PROD. CO. — IONE, CA

DETERMINATION IS
PERMIT NO.
DETERMINATION MADE BY: AMADOR COUNTY APCD (AGENCY); EARL WITHYCOMBE (AGENCY CONTACT PERSON); (916)-862-1233 (PHONE)

DATE OF PERMIT ISSUANCE-- 12/21/83
ESTIMATED DATE OF START-UP-- 1985

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
FLUID BED COMBUSTION	240.00 MMBTU/H	PM	0.0156 GR/DSCF	BAGHOUSE	BACT 99.93
		SO2	115.0000 PPM	LIMESTONE BED 1.5% S FUEL	BACT 94.25
		NOX	150.0000 PPM	FLUID BED STAGED COMBUSTION	BACT
		CO	138.0000 PPM	STAGED COMBUSTION	BACT

NOTES --------
RECIRCULATING FLUID BED INCREASES SO2/LIMESTONE INTERACTION AND CAPTURE, MAINTENANCE OF BED TEMPERATURE AT 1560 F KEEPS NOX PR
ODUCTION LOW, BAGHOUSE FOLLOWS RECIRCULATING CYCLONE AND MULTICLONE FOR PARTICULATE CONTROL.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 350.00 MW

COMPANY NAME/SITE LOCATION: ARIZONA PUBLIC SERVICE CO., CHOLLA UNIT* — JOSEPH CITY, AZ

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. AZP 78-01
DETERMINATION MADE BY: EPA REGION IX (AGENCY); JIM HANSON (AGENCY CONTACT PERSON); (415)-974-8038 (PHONE)

DATE OF PERMIT ISSUANCE-- 02/15/78
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COAL FIRED BOILER	350.00 MW				
		PM	0.0500 LB/MMBTU	ESP	
		SO2	0.0720 LB/MMBTU	WET LIMESTONE SCRUBBING LOW S COAL	94.00
		NOX	0.7000 LB/MMBTU		NSPS
COAL HANDLING AREAS		PM		DUST CONTROL SYS	
LIMESTONE HANDLING AREAS		PM		DUST CONTROL SYS	

NOTES --------
THE DEGREE OF CONTROL WAS PROPOSED BY CO. IN ITS APPLICATION. FUGITIVE DUST SHALL BE CONTROLLED DURING CONSTRUCTION BY WATER S PRAY. BOTTOM ASH SHALL BE PUMPED TO A SPRAY POND. ASH SHALL BE MIXED WITH WASTE SLUDGE FROM SO2 ABSORBERS AND OR WASTEWATER FROM COOLING TOWER AND TRANSPORTED IN A SLURRY TO A SEPERATE DISPOSAL AREA.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 800.00 MW

COMPANY NAME/SITE LOCATION: ARKANSAS PWR & LT CO. — NEWARK, AR, INDEPENDENCE COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. PSD-AR-48
DETERMINATION MADE BY: EPA REGION VI (AGENCY); JOHN BUNYAK (AGENCY CONTACT PERSON); (214)-767-1594 (PHONE)

DATE OF PERMIT ISSUANCE-- 03/30/78
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COAL-FIRED STEAM GEN	800.00 MW				
		SO2	0.9300 LB/MMBTU	LOW S WESTERN COAL	NSPS
		PM	0.1000 LB/MMBTU	ESP	99.50

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 730.00 MW

COMPANY NAME/SITE LOCATION: ASSOC. ELECT. COOP., INC. , MO
THOMAS HILL STATION — RANDOLPH COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO.
DETERMINATION MADE BY: EPA REGION VII (AGENCY) — DANIEL RODRIGUEZ (AGENCY CONTACT PERSON) — (816)-374-6525 (PHONE)

DATE OF PERMIT ISSUANCE-- 02/06/78
ESTIMATED DATE OF START-UP-- 1982

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL FIRED (UNIT 3), PU*	6588.00 MMBTU/H				
		SO2	1.2000 LB/MMBTU		BACT
				WET LIMESTONE SCRUBBER	90.00
		PM	0.1000 LB/MMBTU		BACT
				COLD-SIDE ESP	99.70
		NOX	0.7000 LB/MMBTU		NSPS
				BOILER DESIGN	

NOTES --------
PLANT NAME- THOMAS HILL (EXISTING UNIT 1 - 180MW, NET, EXISTING UNIT 2 - 303 MW, NET). THE NEW UNIT 3 IS SUBJECT TO NSPS, SUBP ART D. EXISTING UNITS 1 AND 2 WILL BE LIMITED TO 8.0 LB SO2/MMBTU (3-HR. AVG.) BECAUSE OF POSSIBLE AMBIENT STANDARD VIOLATIONS. THE EXISTING UNITS WILL BURN WASHED COAL (4.5% S BY WT.). UNIT 3 WILL BURN UNWASHED COAL (5.5% S BY WT.). MISSOURI COAL

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 500.00 MW

COMPANY NAME/SITE LOCATION: BASIN ELECTRIC POWER COOP. — BEULAH, ND

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO.
DETERMINATION MADE BY: NORTH DAKOTA SHD (AGENCY); ROBERT KING (AGENCY CONTACT PERSON); (701)-224-2348 (PHONE)

DATE OF PERMIT ISSUANCE-- 01/12/83
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER	6278.00 MMBTU/H				
		PM	188.0000 LB/H		NSPS
			0.0300 LB/MMBTU		
				BAGHOUSE	99.86
		SO2	2637.0000 LB/H		BACT
			0.6000 LB/MMBTU		
				SPRAY DRYER	88.00
		SO2	30.0000 % OF POTENT. COMBUST. CONC.		
		NOX	2825.0000 LB/H		BACT
			0.4500 LB/MMBTU		
				COMBUSTION CONTROLS, MFG CLAIM	

NOTES --------
THE SO2 EMISSION RATE IS BASED ON CLASS I AREA IMPACTS , THE TECHNOLOGY INVOLVED, & ECONIMICS. FOR THE EMISSION LIMITS THE MOS T STRINGENT ONE APPLIES DEPENDING ON OPERATING CONDITIONS.
2637 LB/H OF SO2 IS BASED ON 0.42 LB/MMBTU INPUT AT MAXIMUM PRODUCTION RATE.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 1500.00 MW

COMPANY NAME/SITE LOCATION: BASIN ELECTRIC POWER COOP. — WHEATLAND, WY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. CT-36
DETERMINATION MADE BY: WYOMING AQD (AGENCY); ECKART HAAS (AGENCY CONTACT PERSON); (307)-777-7391 (PHONE)

DATE OF PERMIT ISSUANCE-- 05/14/76
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL, 2 EA	5513.62 MMBTU/H				
		SO2	0.2000 LB/MMBTU		NSPS
				FGD, WET LIMESTONE SCRUBBER	90.00
		PM	0.1000 LB/MMBTU		NSPS
				ESP	99.50
BOILER, COAL	5513.62 MMBTU/H				
		SO2	0.2000 LB/MMBTU		NSPS
				FGD, DRY LIME SCRUBBER	90.00
		PM	0.1000 LB/MMBTU		NSPS
				ESP	99.50

NOTES --------
UNIT 1 START UP WAS 07/01/80. UNIT 2 START UP WAS 07/01/81. UNIT 3, THE FIRST FULL-SCALE DRY SCRUBBER INSTALLED ON A LARGE STE AM GENERATOR IN THE U.S., IS PRESENTLY UNDERGOING SUBSTANTIAL MOD. TO MEET SO2 EMISSION LIMITS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 880.00 MW

COMPANY NAME/SITE LOCATION: BIG RIVERS ELECT.-D.B. WILSON STATION — LIVERMORE, KY 42352
D.B. WILSON STATION — OHIO COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. C-80-41
DETERMINATION MADE BY: KENTUCKY DAPC (AGENCY); BILL DILLS (AGENCY CONTACT PERSON); (502)-564-3382 (PHONE)

DATE OF PERMIT ISSUANCE-- 03/11/81
ESTIMATED DATE OF START-UP-- 1984

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL FIRED	4585.00 MMBTU/H EA				
		PM	0.0300 LB/MMBTU		BACT
				ESP	99.80
		SO2	1.2000 LB/MMBTU		BACT
				WET SCRUBBER	90.00
		NOX	0.6000 LB/MMBTU		BACT
				BOILER DESIGN & OPERATION	
COAL HANDLING	3281.00 MT/YR				
		PM			
				LIMITED OPERATING CONDITIONS	
LIMESTONE HANDLING	279000.00 T/YR				
		PM			
				LIMITED OPERATING CONDITIONS	

NOTES --------
2 COAL FIRED 440 MW BOILERS

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 246.00 MW

COMPANY NAME/SITE LOCATION: BOARD OF PUBLIC UTILITIES — KANSAS CITY, KS — WYANDOTTE COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO.
DETERMINATION MADE BY: EPA REGION VII (AGENCY); CHARLES WHITMORE (AGENCY CONTACT PERSON); (816)-374-6525 (PHONE)

DATE OF PERMIT ISSUANCE-- 09/29/76
ESTIMATED DATE OF START-UP-- 1981

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL FIRED, PULV.	246.00 MW				
		SO2	1.2000 LB/MMBTU	LOW S WESTERN COAL	BACT
		PM	0.1000 LB/MMBTU	ESP	NSPS
		NOX	0.7000 LB/MMBTU	BOILER DESIGN	NSPS

NOTES --------
PLANT NAME: NEARMAN CREEK. THE UNIT IS SUBJECT TO NSPS, SUBPART D.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL

COMPANY NAME/SITE LOCATION: B.F. GOODRICH
HENRY, IL
MARSHALL COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 82 03 0046
DETERMINATION MADE BY: ILLINOIS EPA (AGENCY); CHRIS ROMAINE (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 09/16/82
ESTIMATED DATE OF START-UP-- 1985
(217)-782-2113 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, FLUIDIZED BED, RECIRCUL*	150.00 MMBTU/H				
		PM	0.0600 LB/MMBTU	CYCLONE & BAGHOUSE	BACT
		SO2	1.2000 LB/MMBTU		99.00
			85.0000 % REDUCTION	FLUIDIZED LIMESTONE BED	BACT
		NOX	0.6000 LB/MMBTU	EQUIPMENT DESIGN	BACT
		CO	400.0000 PPM	EQUIPMENT DESIGN	BACT

NOTES --------
CO EMISSION IS SUBJECT TO REVISION BASED UPON RESULTS OF TRIAL OPERATION.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 6507.00 MMBTU/H

COMPANY NAME/SITE LOCATION: CAJUN ELECT. POWER COOP. — COUSHATTA, LA — RED RIVER PARISH

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. (REGION FILE NO.) PSD-LA-106
DETERMINATION MADE BY: EPA REGION VI (AGENCY); JOHN BUNYAK (AGENCY CONTACT PERSON); (214)-767-1594 (PHONE)

DATE OF PERMIT ISSUANCE-- 03/25/80
ESTIMATED DATE OF START-UP-- 1985

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, LIGNITE FIRED	6507.00 MMBTU/H				
		PM	0.0300 LB/MMBTU	ELECTROSTATIC PRECIPITATOR	NSPS 99.95
		SO2	1.0800 LB/MMBTU	LIME/LIMESTONE SCRUBBER	80.00
		NOX	0.6000 LB/MMBTU	O2 CONTROL	
		CO	0.0900 LB/MMBTU	O2 CONTROL	
COAL PILES		PM	20.7000 LB/H	COMPACTION, CRUSTING AGENT	
COAL HANDLING		PM	1.6000 LB/H	BAG FILTER	99.90
LIME/LIMESTONE HANDLING AND PIL*		PM	2.1000 LB/H	BAG FILTER	99.90

NOTES --------
A REQUEST FOR PERMIT MODIFICATION WAS RECEIVED AND IS CURRENTLY UNDER REVIEW. BACT WILL BE CHANGED. SO2 LIMIT MAY BE EXPRESSED AS 0.6 LB/MMBTU, 30-DAY ROLLING AVG.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 6781.00 MMBTU/H

COMPANY NAME/SITE LOCATION: CENTRAL POWER & LIGHT — FANNIN, TX — GOLIAD COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. (REGION FILE NO.) PSD-TX-365
DETERMINATION MADE BY: EPA REGION VI (AGENCY) — JOHN BUNYAK (AGENCY CONTACT PERSON) — (214)-767-1594 (PHONE)

DATE OF PERMIT ISSUANCE-- 10/19/81
ESTIMATED DATE OF START-UP-- 1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COAL FIRED BOILER	6781.00 MMBTU/H				
		PM	0.0300 LB/MMBTU		NSPS
				ELECTROSTATIC PRECIPITATOR	99.60
		SO2	0.3900 LB/MMBTU		NSPS
				FLUE GAS DESULFURIZATION	99.60
		NOX	0.5000 LB/MMBTU		NSPS
				FIRE BOX DESIGN & O2 CONTROL	
		CO	0.0600 LB/MMBTU		BACT
				O2 CONTROL OPTIMAL WITH NOX	
COAL DUMPER,ROTARY	11000.00 T/D COAL				
		PM	29.7600 LB/H		BACT
			149.8000 LB/D		
				WET SUPPRESSION	50.00
CONVEYOR TO SAMPLE HOUSE					
		PM	2.4000 LB/H		BACT
			11.7500 LB/D		
				COVERS, WET SUPPRESSION	99.00
CONVEYOR TO ACTIVE PILE					
		PM	2.2500 LB/H		BACT
			2.2500 LB/D		
				TELESCOPIC CHUTE	99.00
				COVERS, WET SUPPRESSION	
ACTIVE COAL PILE					
		PM	5.7800 LB/H		BACT
				COMPACTION & WET SUPPRESSION	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

(CONTINUED) CENTRAL POWER & LIGHT

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INACTIVE COAL PILE					
		PM	2.5000 LB/H		BACT
				COMPACTION	90.00
COAL CONVEYOR TO TRANSFER HOUSE					
		PM	2.3200 LB/H		BACT
			6.7200 LB/D		
				COVERS, WET SUPPRESSION	99.00
COAL CONVEYOR TO BOILER					
		PM	4.6300 LB/H		BACT
			13.4400 LB/D		
				COVERS, WET SUPPRESSION	99.00
FLYASH HANDLING					
		PM	0.2800 LB/H		BACT
			1.7000 LB/D		
				BAG FILTERS	99.00
				PNEUMATIC CONVEYOR TO SILO	
LIMESTONE CAR DUMP					
		PM	2.7000 LB/H		BACT
			24.2900 LB/WK		
				NONE	
LIMESTONE CONVEYOR TO STORAGE					
		PM	0.3500 LB/H		BACT
			3.1200 LB/WK		
				COVERED BAG COLLECTOR	98.00
LIMESTONE CONVEYOR TO BINS					
		PM	0.4000 LB/H		BACT
			3.6000 LB/WK		
				COVERED BAG COLLECTOR	98.00
LIMESTONE STORAGE PILE					
		PM	0.0480 LB/H		BACT
				NONE	
LIMESTONE RECLAIM					
		PM	19.9000 LB/H		BACT
			179.5200 LB/WK		
				NONE	
COAL SAMPLE HOUSE					
		PM	7.0000 LB/H		BACT
			34.3000 LB/D		
				WET SUPPRESSION & COVERED CONVEYORS	99.00
COAL TRANSFER HOUSE					

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/01/1983

(CONTINUED) CENTRAL POWER & LIGHT

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)					
		PM	7.0000 LB/H		BACT
			34.3000 LB/D		
				COVERED CONVEYORS	99.00
				WET SUPPRESS.& COVERED CONVEY.	
LIMESTONE SILOS					
		PM	0.3500 LB/H		BACT
			3.1500 LB/WK		
				BAG FILTER	99.00
LIMESTONE TRANSFER HOUSE					
		PM	0.1900 LB/H		BACT
			1.7100 LB/WK		
				BAG FILTER	99.00
				ENCLOSED CONVEYOR	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 66.00 MMBTU

COMPANY NAME/SITE LOCATION: CENTRAL STATE UNIVERSITY — WILBERFORCE, OH

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 08-712
DETERMINATION MADE BY: DAYTON RAPCA (AGENCY) — TIM WILSON (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 07/01/85
ESTIMATED DATE OF START-UP-- 1985
(513)-225-4435 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL FIRED	66.00 MMBTU				
		PM	0.1000 LB/MMBTU	BAGHOUSE	BACT 99.00
		SO2	1.6000 LB/MMBTU	LOW S COAL	BACT
		NOX	0.6000 LB/MMBTU		BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 1200.00 MW

COMPANY NAME/SITE LOCATION: CINCINATI GAS & ELECTRIC CO. - EAST BEN* , KY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. C-82-072
DETERMINATION MADE BY: KENTUCKY DAPC (AGENCY) — BILL DILLS (AGENCY CONTACT PERSON) — (502)-564-3382 (PHONE)

DATE OF PERMIT ISSUANCE-- 05/14/82
ESTIMATED DATE OF START-UP-- 1981

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
UNIT #2	6313.00 MMBTU/H				
		PM	0.1000 LB/MMBTU		
			2970.0000 T/YR		
				ESP, WET SCRUBBER	99.60
		SO2	1.2000 LB/MMBTU		
			35640.0000 T/YR		
				WET SCRUBBER	81.50
		NOX	0.7000 LB/MMBTU		
			20790.0000 T/YR		
UNIT #1	6270.00 MMBTU/H				
		PM	0.1000 LB/MMBTU		
			1650.0000 T/YR		
				ESP	99.50
		SO2	0.8400 LB/MMBTU		
			13860.0000 T/YR		
				WET SCRUBBER	85.00
		NOX	0.7000 LB/MMBTU		
			11550.0000 T/YR		

NOTES --------
PERMIT COVERS ONLY UNIT #2. UNIT #1 CONSTRUCTION PERMIT C-78-51 ON 8/25/78
EST. DATE OF START-UP UNIT #1 IS 01/86.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983 02/13/1984

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 92.50 MMBTU/H

COMPANY NAME/SITE LOCATION: CITY OF WILKES-BARRE — WILKES-BARRE, PA — LUZERNE COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 79PA23
DETERMINATION MADE BY: EPA REGION III (AGENCY) — DAVID ARNOLD (AGENCY CONTACT PERSON) — (215)-597-7936 (PHONE)

DATE OF PERMIT ISSUANCE-- 07/01/80
ESTIMATED DATE OF START-UP-- 1980

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER	92.50 MMBTU/H				
		PM	8.0000 LB/H	BAGHOUSE/CYCLONE	BACT 99.70
		SO2	199.0000 LB/H		
			1.5000 LB/MMBTU	S IN FUEL	BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/01/1983

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 35.00 MW

COMPANY NAME/SITE LOCATION: COGENTRIX OF NC, INC. — LUMBERTON, NC, ROBESON COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 5543
DETERMINATION MADE BY: NORTH CAROLINA DEM (AGENCY); MIKE SEWELL (AGENCY CONTACT PERSON); (919)-733-7015 (PHONE)

DATE OF PERMIT ISSUANCE-- 09/10/84
ESTIMATED DATE OF START-UP-- 1985

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL FIRED, 2 EA	202.00 MMBTU/H				
		PM	0.0300 LB/MMBTU	BAGFILTER	99.10
		SO2	1.6000 LB/MMBTU	LOW SULFUR COAL, 1%	
		NOX	0.7000 LB/MMBTU	CONTROL OF EXCESS AIR	
		CO	0.6000 LB/MMBTU	CONTROL OF EXCESS AIR	

NOTES --------
NOT SUBJECT TO NSPS, BUT WILL MEET PROPOSED NSPS SUBPART DB

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 35.00 MW

COMPANY NAME/SITE LOCATION: COGENTRIX OF NORTH CAROLINA, INC. — HAMILTON, NC — MARTIN COUNTY

DETERMINATION IS
PERMIT NO. 5418
DETERMINATION MADE BY: NORTH CAROLINA DEM (AGENCY) — MIKE SEWELL (AGENCY CONTACT PERSON) — (919)-733-7015 (PHONE)

DATE OF PERMIT ISSUANCE-- 04/03/84
ESTIMATED DATE OF START-UP-- 1985

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL FIRED, 2 EA	202.00 MMBTU/H				
		PM	0.0300 LB/MMBTU	BAGFILTER	99.10
		SO2	1.6000 LB/MMBTU	LOW SULFUR COAL, 1%	
		NOX	0.7000 LB/MMBTU	CONTROL OF EXCESS AIR	
		CO	0.6000 LB/MMBTU	CONTROL OF EXCESS AIR	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 12/28/1984

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 35.00 MW

COMPANY NAME/SITE LOCATION: COGENTRIX OF NORTH CAROLINA, INC. — KENANSVILLE, NC — DUPLIN COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 5492
DETERMINATION MADE BY: NORTH CAROLINA DEM (AGENCY) — MIKE SEWELL (AGENCY CONTACT PERSON) — (919)-733-7015 (PHONE)

DATE OF PERMIT ISSUANCE-- 06/25/84
ESTIMATED DATE OF START-UP-- 1985

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL FIRED, 2 EA	202.00 MMBTU/H				
		PM	0.0300 LB/MMBTU	BAGFILTER	99.10
		SO2	1.6000 LB/MMBTU	LOW SULFUR COAL, 1%	
		NOX	0.7000 LB/MMBTU	CONTROL OF EXCESS AIR	
		CO	0.6000 LB/MMBTU	CONTROL OF EXCESS AIR	

NOTES --------
NOT SUBJECT TO NSPS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 12/26/1984

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 1320.00 MW

COMPANY NAME/SITE LOCATION: COLORADO UTE-CRAIG UNIT #3 — NEAR CRAIG, CO — MOFFAT COUNTY

DETERMINATION IS FOR A MODIFIED SOURCE.
PERMIT NO.
DETERMINATION MADE BY: EPA REGION VIII (AGENCY); JOHN DALE (AGENCY CONTACT PERSON); (303)-837-3763 (PHONE)
DATE OF PERMIT ISSUANCE-- 03/27/80
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
RR CAR	1.87 MMT/YR				
		PM	1.0000 T/YR		BACT
				FF	99.80
ASH SILO VENT	355.00 MT/YR				
		PM	149.0000 T/YR		BACT
				FF	99.80
ASH UNLOAD	355.00 MT/YR				
		PM	34.0000 T/YR		BACT
				HYDROMIXER	54.00
BOILER	214.00 T/H SEE NOTE				
		CO			BACT
				NO CONTROL	
		VOC			BACT
				NO CONTROL	
		NOX	0.5000 LB/MMBTU		BACT
				BOILER DESIGN	65.00
		PM	0.0300 LB/MMBTU		BACT
				BAGHOUSE	99.00
		SO2	0.2000 LB/MMBTU		BACT
				DRY SCRUBBER	90.00
COAL PILE	1.87 MMT/YR				
		PM	5.0000 T/YR		BACT
				SURFACTANT	85.00
CONV.	1.87 MMT/YR				

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

(CONTINUED) COLORADO UTE-CRAIG UNIT #3

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)					
		PM	5.0000 T/YR		BACT
				ENCLOSURES	90.00
LIME TRANS./STORAGE	37.40 MT/YR				
		PM	0.0000 T/YR		BACT
				FF	99.80
TRANS PTS.	1.87 MMT/YR				
		PM	0.0000 T/YR		BACT
				ENC + FF	99.80

NOTES --------
BOILER CAPACITY IS 440.0 MW.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 190.00 MLB/H STEAM

COMPANY NAME/SITE LOCATION: CONTAINER CORP. OF AMERICA, 5000 FLAT ROCK RD — PHILADELPHIA, PA 19127

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 80168
DETERMINATION MADE BY: PHILADELPHIA AMS (AGENCY); THOMAS ELLIOTT, JR. (AGENCY CONTACT PERSON); (215)-686-7893 (PHONE)

DATE OF PERMIT ISSUANCE-- 01/20/81
ESTIMATED DATE OF START-UP-- 1981

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER #1, RILEY P.C.	190000.00 LB/H STEAM				
		SO2	0.5000 LB/MMBTU HEAT INPUT	BAGHOUSE, ECOLAIR SPRAY DRYERS SULFUR & PM SYSTEM	NOTE
		PM	0.0600 LB/MMBTU HEAT INPUT		NOTE

NOTES --------
BOILER #2 PM CONTROLLED BY BAGHOUSE ONLY - PLANT OPERATING UNDER TERMS OF A TWO BOILER SO2 BUBBLE. NOTE -- SO2 - AMS REG. III & SIP REVISION, PM - AMS REG. II & SIP REVISION.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 137.00 MMBTU/H

COMPANY NAME/SITE LOCATION: CURTISS-WRIGHT CORP.
1 PASSAIC ST. — WOOD-RIDGE, NJ 07075
BERGEN COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO.
DETERMINATION MADE BY: EPA REGION II (AGENCY) — STEVE RIVA (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 06/13/80
ESTIMATED DATE OF START-UP--
(212)-264-8684 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PFB BOILER	137.00 MMBTU/H			
		SO2	0.3000 LB/MMBTU	SIP
			PROCESS MOD.	93.00
			CALCIUM/SULFUR, 2/1	
		PM	NONE	
			PROCESS CYCLONES	
		NOX	NONE	
		CO	NONE	

NOTES --------
TEMPORARY SOURCE - NOT TO OPERATE IN EXCESS OF 3100 H/YR FOR A PERIOD NOT TO EXCEED TWO YEARS FROM START-UP.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/01/1983

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 550.00 MW

COMPANY NAME/SITE LOCATION: DELMARVA POWER & LIGHT — VIENNA, MD 21869 — DORCHESTER COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 80MD01
DETERMINATION MADE BY: EPA REGION III (AGENCY); VERNON BUTLER (AGENCY CONTACT PERSON); (215)-597-2711 (PHONE)

DATE OF PERMIT ISSUANCE-- 09/30/81
ESTIMATED DATE OF START-UP-- 1983

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER	5702.00 MMBTU/H				
		SO2	0.6000 LB/MBTU		BACT
			70.0000 % EMISSION REDUCTION		
				SCRUBBER	90.00
		NOX	0.6000 LB/MBTU		BACT
			65.0000 % EMISSION REDUCTION		
				BURNER DESIGN	
		CO	0.0400 LB/MBTU		BACT
				BURNER DESIGN	
		VOC	0.0100 LB/MBTU		BACT
				BURNER DESIGN	
		VE	20.0000 % OPACITY STACK		BACT
BOILERS & STORAGE PILES	1.20 MMT/YR				
		PM	0.0300 LB/MBTU		BACT
				ESP	99.65
				DUST-SUPPRESSANT LIQUID	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 800.00 MW

COMPANY NAME/SITE LOCATION: DESERET GEN & TRANS, MOON LAKE — NEAR BONANZA, UT — UINTAH COUNTY

DETERMINATION IS
PERMIT NO.
DETERMINATION MADE BY: EPA REGION VIII (AGENCY) — JOHN DALE (AGENCY CONTACT PERSON) — (303)-837-3763 (PHONE)

DATE OF PERMIT ISSUANCE-- 02/04/80
ESTIMATED DATE OF START-UP-- 1984

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COAL CONV	475.00 T/H COAL	PM	1.0000 T/YR	ENC & FF	BACT 99.00
		VE	20.0000 % OPACITY		
COAL CRUSHER	2.70 MMT/YR	PM	1.0000 T/YR	ENC & FF	BACT 99.00
		VE	20.0000 % OPACITY		
COAL STORAGE	2.70 MMT/YR	PM	2.0000 T/YR	WET SUP	BACT 50.00
		VE	20.0000 % OPACITY		
LIMESTONE HAND.	55.60 MT/YR	PM	1.0000 T/YR	ENC & FF	BACT 90.00
		VE	20.0000 % OPACITY		
BOILERS, COAL-FIRED, 2 EA	400.00 MW	CO		NO CONTROL	BACT
		VOC		NO CONTROL	BACT
		NOX	0.5500 LB/MMBTU	BOILER DESIGN	BACT 99.60
		PM	0.0300 LB/MMBTU 0.0200 GR/DSCF	FF	BACT 99.80

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/01/1983

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)					
		SO2	418.0000 LB/H		BACT
			0.0550 LB/MMBTU		
				WET SCRUBBER	94.00
		VE	20.0000 % OPACITY		

NOTES --------
CEM QA REQUIRED BY 40CFR, PART 60, SUBPART DA. BOILER EMISSION COMPLIANCE FOR SO2, NOX, OPACITY WILL BE DETERMINED BY CEM REPORTS. VE IS STATEPERMIT REQUIREMENT.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 526.00 MW MOD.

COMPANY NAME/SITE LOCATION: EAST KENTUCKY POWER COOP. — MAYSVILLE, KY 40391
P.O. BOX 707 — MASON COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. C-76-46
DETERMINATION MADE BY: KENTUCKY DAPC (AGENCY) — BILL DILLS (AGENCY CONTACT PERSON) — (502)-564-3382 (PHONE)

DATE OF PERMIT ISSUANCE-- 12/02/76
ESTIMATED DATE OF START-UP-- 1981

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, PULV., COAL FIRED, DRY *	6760.00 MMBTU/H				
		PM	0.1000 LB/MMBTU	HOT SIDE ESP	99.50
		PB		HOT SIDE ESP	99.50
		SO2	1.2000 LB/MMBTU	0.72% S IN FUEL	
		CO			
		NOX	0.7000 LB/MMBTU		

NOTES --------
UNIT NUMBER 2

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW 04/01/1983 — POST STARTUP 02/13/1984

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 670.00 MMBTU/H

COMPANY NAME/SITE LOCATION: EASTMAN KODAK CO., KODAK PARK DIV. — ROCHESTER, NY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. C262800 025 00004
DETERMINATION MADE BY: NEW YORK DEC (AGENCY); FRANK SHATTUCK (AGENCY CONTACT PERSON); (716)-226-2466 (PHONE)

DATE OF PERMIT ISSUANCE-- 12/20/82
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL FIRED	670.00 MMBTU/H				
		PM	0.0350 LB/MMBTU		BACT
				ESP	99.57
		SO2	1.2000 LB/MMBTU		BACT
				LOW S COAL	
		NOX	0.7000 LB/MMBTU		BACT
				COMBUSTION CONTROL	
		CO	0.0450 LB/MMBTU		BACT
				COMBUSTION CONTROL	
		BE	0.0010 LB/H		BACT
				ESP	98.40
COAL CAR UNLOADER					
		PM	1.1000 LB/H		BACT
				FABRIC FILTER	99.00
CRUSHING					
		PM	0.7500 LB/H		BACT
				FABRIC FILTER	99.00
BUNKER					
		PM	0.0230 LB/H		BACT
ASH HANDLING					
		PM	0.0750 LB/H		BACT
				FABRIC FILTER	99.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 1200.00 MW

COMPANY NAME/SITE LOCATION: E. KENTUCKY POWER CORP. — TRAPP, KY
J.K. SMITH POWER STATION — CLARK COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. C-80-67
DETERMINATION MADE BY: KENTUCKY DAPC (AGENCY) — BILL DILLS (AGENCY CONTACT PERSON) — (502)-564-3382 (PHONE)

DATE OF PERMIT ISSUANCE-- 08/21/80
ESTIMATED DATE OF START-UP-- 1992

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL FIRED	6760.00 MMBTU/H EA				
		PM	0.0300 LB/MMBTU		BACT
				ESP	99.80
		SO2	1.2000 LB/MMBTU		BACT
				WET SCRUBBER	90.00
		NOX	0.6000 LB/MMBTU		BACT
				BOILER DESIGN	
BOILER, COAL FIRED	6760.00 MMBTU/H				
		PM	0.0300 LB/MMBTU		BACT
				ESP	99.80
		SO2	1.2000 LB/MMBTU		BACT
				WET SCRUBBER	90.00
		NOX	0.6000 LB/MMBTU		BACT
				BOILER DESIGN	

NOTES --------
STARTUP UNIT #1 - 8/92, UNIT #2 - 8/93.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 1220.00 MMBTU/H

COMPANY NAME/SITE LOCATION: FLORIDA POWER CORP. — CRYSTAL RIVER, FLA., FL 33733 — CITRUS COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. AC52-36102
DETERMINATION MADE BY: FLORIDA DER (AGENCY) — BOB KING (AGENCY CONTACT PERSON) — (904)-488-1344 (PHONE)

DATE OF PERMIT ISSUANCE-- 01/15/80
ESTIMATED DATE OF START-UP-- 1983

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
FLY ASH HANDLING UNITS	55000.00 LB/H			
		PM	4.0000 LB/H BAGHOUSE	BACT 99.90

NOTES ---------
ADDED ESP TO EXISTING BOILER

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW 04/01/1983; POST STARTUP 01/25/1984

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 58.00 MW

COMPANY NAME/SITE LOCATION: GRAND HAVEN BOARD OF LT & PWR, HARBOR ISLAND — GRAND HAVEN, MI 49417 — MUSKEGON COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 541-79
DETERMINATION MADE BY: MICHIGAN DNR (AGENCY) — GREGORY EDWARDS (AGENCY CONTACT PERSON) — (517)-322-1333 (PHONE)

DATE OF PERMIT ISSUANCE-- 03/18/80
ESTIMATED DATE OF START-UP-- 1983

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COAL-FIRED BOILER	710.00 MMBTU/H	PM	0.0300 LB/MMBTU	ESP	99.80
		SO2	0.8400 LB/MMBTU 30D AV 0.8000 LB/MMBTU 24H AV	LIME SLURRY WET SCRUBBER	90.00
		NOX	0.6000 LB/MMBTU 30D AV		

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW 04/01/1983 POST STARTUP 03/13/1984

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 490.00 MW

COMPANY NAME/SITE LOCATION: GRAND RIVER DAM AUTHORITY , OK 74361
MAYES COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. PSD-OK-51
DETERMINATION MADE BY: EPA REGION VI (AGENCY) — JOHN BUNYAK (AGENCY CONTACT PERSON) — (214)-767-1594 (PHONE)

DATE OF PERMIT ISSUANCE-- 03/30/78
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COAL FIRED GEN STATION	490.00 MW				
		SO2	1.2000 LB/MMBTU		
			6157.2000 LB/H		
				LOW S COAL	
		PM	0.1000 LB/MMBTU		
			513.1000 LB/H		

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL

COMPANY NAME/SITE LOCATION: HOLYOKE WATER POWER CO., MT. TOM PWR PL* — HOLYOKE, MA

DETERMINATION IS RACT FOR A MODIFIED SOURCE.
PERMIT NO. APPR. LTR 10-27-82
DETERMINATION MADE BY: MASSACHUSETTS DEQE - AIR (AGENCY) — DAVID HOWLAND (AGENCY CONTACT PERSON) — (617)-727-8640 (PHONE)

DATE OF PERMIT ISSUANCE-- 10/27/82
ESTIMATED DATE OF START-UP-- 1981

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COAL COMBUSTION	1447.00 MMBTU/H	S	1.2100 LB/MMBTU MONTHLY AV 1.6000 LB/MMBTU DAILY AV		RACT
		PM	0.0800 LB/MMBTU	ESP	RACT 99.51
		NOX			

NOTES --------
ONE UNIT - 155 MW. VOLUNTARY COAL CONVERSION

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 550.00 MW

COMPANY NAME/SITE LOCATION: HOUSTON LIGHTING & POWER — HOUSTON, TX

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. PSD-TX-33
DETERMINATION MADE BY: EPA REGION VI (AGENCY); TOM DIGGS (AGENCY CONTACT PERSON); (214)-767-1594 (PHONE)

DATE OF PERMIT ISSUANCE-- 10/28/77
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COAL FIRED STEAM ELECT. GEN	550.00 MW				
		SO2	1.2000 LB/MMBTU		
			573.0000 LB/H		
				LOW S WESTERN COAL	
		PM	0.1000 LB/MMBTU		

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/01/1933

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 550.00 MW

COMPANY NAME/SITE LOCATION: HOUSTON LIGHTING & POWER — THOMPSONS, TX, FORT BEND COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. PSD-TX-234
DETERMINATION MADE BY: EPA REGION VI (AGENCY); JOHN BUNYAK (AGENCY CONTACT PERSON); (214)-767-1594 (PHONE)

DATE OF PERMIT ISSUANCE-- 11/12/81
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COAL FIRED BOILER	5729.00 MMBTU/H				
		SO2	0.3600 LB/MMBTU	LIMESTONE SCRUBBER	NSPS 70.00
		NOX	0.5000 LB/MMBTU	02 CONTROLS, TANGENTIAL BURNERS	NSPS
		CO	0.0590 LB/MMBTU	02 CONTROLS	
		PM	0.0300 LB/MMBTU	FABRIC FILTER	NSPS 99.72
LIMESTONE UNLOAD		PM	0.1000 LB/H	WET SUPPRESION/BOTTOM DUMP	BACT 90.00
ACTIVE LIMESTONE PILE		PM	0.1000 LB/H	ENCLOSED	BACT
INACTIVE LIMESTONE PILE		PM	0.1000 LB/H	ENCLOSED	BACT
LIMESTONE CONVEYERS & TRANSFER *		PM	0.5000 LB/H	ENCLOSED	BACT 90.00
LIMESTONE CRUSHER		PM	0.1000 LB/H	BAGHOUSE	BACT 99.50

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
LIMESTONE FEED SILO					
		PM	0.1000 LB/H		BACT
				BAGHOUSE	99.50
FLY ASH MIX TANK					
		PM	0.7000 LB/H		BACT
				WILL BE A SLURRY	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 727.00 MW

COMPANY NAME/SITE LOCATION: IA SOUTHERN UTILITIES (CENTERVILLE, IA.) OTTUMWA STATION — (NEAR) CHILLICOTHE, IA — WAPELLO COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO.
DETERMINATION MADE BY: EPA REGION VII (AGENCY) — CHARLES WHITMORE (AGENCY CONTACT PERSON) — (816)-374-6525 (PHONE)

DATE OF PERMIT ISSUANCE-- 12/01/76
ESTIMATED DATE OF START-UP-- 1980

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, STEAM GEN, COAL FIRED		SO2	1.2000 LB/MMBTU	LOW S COAL	BACT
		PM	0.1000 LB/MMBTU	ESP	BACT

NOTES --------
THE PERMIT WAS AMMENDED ON 03/30/78 TO ADDRESS PARTICULATE MATTER.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL 165.00 MMBTU/H

COMPANY NAME/SITE LOCATION: IDAHO NAT ENGINEERING LAB. IDAHO FALLS, ID

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. (REGION FILE NO.) PSD-X81-11
DETERMINATION MADE BY: EPA REGION X (AGENCY)
DAVID TETTA (AGENCY CONTACT PERSON)
(206)-442-1193 (PHONE)
DATE OF PERMIT ISSUANCE-- 06/05/81
ESTIMATED DATE OF START-UP-- 1983

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, 2 EA	82.50 MMBTU/H				
		SO2	99.2000 LB/H	FLUIDIZIED BED	BACT
		NOX	0.5000 LB/MMBTU	COMBUSTION CONTROLS	BACT
		PM	0.0500 GR/DSCF	BAGHOUSE	99.00
FUGITIVE EMISSIONS		PM	0.0100 GR/ACF	BAGHOUSE	99.00

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL 980.00 MW

COMPANY NAME/SITE LOCATION: INDIANA STATEWIDE RURAL ELEC. COOP., ME* , IN SULLIVAN COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. EPA-5-77-A-7
DETERMINATION MADE BY: EPA REGION V (AGENCY); BONIFACE THAYIL (AGENCY CONTACT PERSON); (312)-086-6054 (PHONE)
DATE OF PERMIT ISSUANCE-- 06/28/77
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL FIRED, 2 EA	490.00 MW	PM	0.1000 LB/MMBTU		NSPS
		SO2	1.2000 LB/MMBTU		NSPS

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 2600.00 MW

COMPANY NAME/SITE LOCATION: INDIANA & MICHIGAN ELEC. CO., ROCKPORT * — ROCKPORT, IN

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. EPA-5-78-A-1
DETERMINATION MADE BY: EPA REGION V (AGENCY) — BONIFACE THAYIL (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 10/27/77
ESTIMATED DATE OF START-UP--
(312)-886-6054 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL FIRED, 2 EA	1300.00 MW				
		PM	0.1000 LB/MMBTU		NSPS
		SO2	1.2000 LB/MMBTU		NSPS

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 1950.00 MW

COMPANY NAME/SITE LOCATION: INDIANAPOLIS POWER & LIGHT CO., PATRIOT* , IN
SWITZERLAND COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. EPA-5-A-80-8
DETERMINATION MADE BY: EPA REGION V (AGENCY) — BONIFACE THAYIL (AGENCY CONTACT PERS...) — (312)-886-6054 (PHONE)
DATE OF PERMIT ISSUANCE-- 12/14/79
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL FIRED, 3 EA	650.00 MW				
		PM	0.0300 LB/MMBTU		
		SO2	0.5500 LB/MMBTU		
				SCRUBBER	91.00
		NOX	0.6000 LB/MMBTU		

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1933

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 1640.00 MW

COMPANY NAME/SITE LOCATION: INTERMOUNTAIN POWER PROJECT — LYNDLE, UT

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO.
DETERMINATION MADE BY: UTAH BAQ (AGENCY) — DAVID KAPTA (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 10/17/83
ESTIMATED DATE OF START-UP-- 1985
(801)-533-6108 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL FIRED, 3	8352.00 MMBTU	PM	0.0200 LB/MMBTU	FABRIC FILTER	BACT 99.80
		SO2	0.0150 LB/MMBTU	LIMESTONE SCRUB	BACT 90.00
		NOX	0.5500 LB/MMBTU	COMBUSTION CONTROL	BACT
		VE	20.0000 % OPACITY	FABRIC FILTER	BACT
COAL HANDLING, UNLOADING, CRUSH*	5.00 MMT/YR	PM	0.0240 GR/DSCF	13 FABRIC FILTERS	BACT 99.00
		VE	20.0000 % OPACITY	13 FABRIC FILTERS	BACT
COAL, LIMESTONE, ASH HANDLING	5.00 MMT/YR	VE	20.0000 % OPACITY	WET SUPPRESSION	BACT 50.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 3000.00 MW

COMPANY NAME/SITE LOCATION: INTERMOUNTAIN PWR PROJECT-IPP — NEAR LYNNDYL, UT — MILLARD COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO.
DETERMINATION MADE BY: EPA REGION VIII (AGENCY) — JOHN DALE (AGENCY CONTACT PERSON) — (303)-837-3763 (PHONE)

DATE OF PERMIT ISSUANCE-- 06/08/80
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS		CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ASH UNLOAD						
		PM	64.0000	LB/H		BACT
					HYDROMIXER	99.00
		VE	20.0000	% OPACITY		
4 BOILERS	3000.00 MW					
		CO	1248.0000	LB/H		BACT
		VOC	375.0000	LB/H		BACT
		NOX	0.5500	LB/MMBTU		BACT
					DESIGN	65.00
		PM	0.0200	LB/MMBTU		BACT
					ESP	99.80
		SO2	0.1500	LB/MMBTU		BACT
					SCRUBBER	90.00
		VE	20.0000	% OPACITY		
COAL CONV	10.00 MMT/YR					
		PM	17.0000	LB/H		BACT
					ENCLOSURE	90.00
		VE	20.0000	% OPACITY		
COAL CRUSHING	10.00 MMT/YR					
		PM	1.0000	LB/H		BACT
					BAGHOUSE	99.80
		VE	20.0000	% OPACITY		
COAL STORAGE	10.00 MMT/YR					
		PM	27.0000	LB/H		BACT
					CRUSHING MGMT	90.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)					
		VE	20.0000 % OPACITY		
COAL UNLOAD	10.00 MMT/YR				
		PM	2.0000 LB/H		BACT
				WET SUPPRES.	98.50
		VE	20.0000 % OPACITY		
HAUL ROADS					
		PM	1.0000 LB/H		BACT
				CHEM. SUPPRES.	85.00
LIME STORAGE					
		PM	0.1000 LB/H		BACT
				BAGHOUSE	99.80
		VE	20.0000 % OPACITY		
CONV/TRANSFER	10.00 MMT/YR				
		PM	4.0000 LB/H		BACT
				BAGHOUSE	98.80
		VE	20.0000 % OPACITY		

NOTES --------
THIS PROJECT IS UNDER CURRENT RE-REVIEW SINCE THE PROJECT HAS BEEN DOWN SIZED TO 2 UNITS VS. THE ORIG. 4. STRONGLY RECOMMEND T
HIS BE DELETED & WE WILL UPDATE THE ABOVE INFO AS SOON AS RE-EVALUATION IS COMPLETED (PROB. 5/83).
CEM QA REQUIRED BY 40 CFR, PART 60, SUBPART DA.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 650.00 MW

COMPANY NAME/SITE LOCATION: IOWA ELECTRIC LIGHT & POWER CO. — PANORA, IA — GUTHRIE COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO.
DETERMINATION MADE BY: EPA REGION VII (AGENCY) — STEVE KOVAC (AGENCY CONTACT PERSON) — (816)-374-6525 (PHONE)

DATE OF PERMIT ISSUANCE-- 10/29/82
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL-FIRED	400.00 T/H COAL	SO2	0.6000	LB/MMBTU DAILY MAX WET LIMESTONE SCRUBBER LOW S COAL	BACT
		NOX	0.5000	LB/MMBTU 30D R AV COMBUSTION DESIGN	BACT
		PM	0.0300	LB/MMBTU ESP	
		VE	20.0000	% OPACITY	BACT
MATERIAL HANDLING		PM	0.0100	GR/DSCF BAGHOUSES	BACT
		VE	20.0000	% OPACITY	BACT

NOTES --------
SOURCE IS SUBJECT TO NSPS, SUBPART DA

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 600.00 MW

COMPANY NAME/SITE LOCATION: IOWA-ILLINOIS GAS & ELECT. , IA
LOUISA STATION — LOUISA COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO.
DETERMINATION MADE BY: EPA REGION VII (AGENCY) — CHARLES WHITMORE (AGENCY CONTACT PERSON) — (816)-374-6525 (PHONE)

DATE OF PERMIT ISSUANCE-- 06/16/81
ESTIMATED DATE OF START-UP-- 1983

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER	7000.00 MMBTU/H				
		NOX	0.6000 LB/MMBTU	BOILER DESIGN	BACT
		PM	0.0300 LB/MMBTU	ESP	BACT
		SO2	0.8600 LB/MMBTU 24H AV		BACT
			1.0500 LB/MMBTU 3H AV	LOW S COAL	

NOTES --------
PERMIT ORIGINALLY ISSUED ON 07/07/79. 53600.0 LB/D TOTAL ALLOWED.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/01/1983

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 600.00 MW

COMPANY NAME/SITE LOCATION: JACKSONVILLE ELECT. AUTHORITY NORTHSIDE — JACKSONVILLE, FL 32208 — DUVAL COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. (REGION FILE NO.) FSD-FL-010
DETERMINATION MADE BY: FLORIDA DER (AGENCY) — BOB KING (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 01/01/82
ESTIMATED DATE OF START-UP-- 1986
(904)-488-1344 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
STEAM GEN. UNIT, 2 EA	600.00 MW	SO2	0.7600 LB/MMBTU	LIME/LIMESTONE FGD	BACT 90.00
		PM	0.0300 LB/MMBTU	ESP	NSPS 99.78
		NOX	0.6000 LB/MMBTU	BOILER DESIGN	NSPS

NOTES --------
TWO UNITS AT 600.0 MW EACH.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/01/1983

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE CODE 1.1

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 630.00 MW

COMPANY NAME/SITE LOCATION: KANSAS CITY POWER & LIGHT
IATAN STATION
IATAN, MO
PLATTE COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO.
DETERMINATION MADE BY: EPA REGION VII (AGENCY) — DANIEL RODRIGUEZ (AGENCY CONTACT PERSON) — (816)-374-6525 (PHONE)

DATE OF PERMIT ISSUANCE-- 01/07/77
ESTIMATED DATE OF START-UP-- 1981

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL FIRED, PULV.	630.00 MW	PM	0.1000 LB/MMBTU	ESP	BACT 99.40
		SO2	1.2000 LB/MMBTU	LOW S WESTERN COAL	BACT
		NOX	0.7000 LB/MMBTU	BOILER DESIGN	NSPS

NOTES --------
THE UNIT IS SUBJECT TO NSPS, SUBPART D. THE PSD REGS ADDRESSED ONLY PM & SO2.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 2680.00 MW (TOTAL, 4 UNIT C*

COMPANY NAME/SITE LOCATION: KANSAS POWER & LIGHT CO. — ST. MARY'S, KS
JEFFREY ENERGY CENTER — POTTAWATOMIE COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO.
DETERMINATION MADE BY: EPA REGION VII (AGENCY); DANIEL RODRIGUEZ (AGENCY CONTACT PERSON); (816)-374-6525 (PHONE)

DATE OF PERMIT ISSUANCE-- 03/30/78
ESTIMATED DATE OF START-UP-- 1984

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COAL FIRED BOILERS, UNITS 3 AND*	720.00 MW EA				
		SO2	1.2000 LB/MMBTU		BACT
				WET LIMESTONE SPRAY TOWERS	60.00
		PM	0.1000 LB/MMBTU		BACT
				2 COLD SIDE ESP'S PER UNIT	99.20
		NOX	0.7000 LB/MMBTU		NSPS
				BOILER DESIGN	

NOTES --------
THE UNITS ARE SUBJECT TO NSPS, SUBPART D. BACT EMISSION LIMITS FOR NOX AND CO WERE NOT SET BECAUSE THE REGS. ADDRESSED ONLY PM AND SO2. PLANT NAME: JEFFREY ENERGY CENTER.
UNITS 1 AND 2 WERE NOT SUBJECT TO PSD REVIEW. UNIT 3 STARTUP 1982. UNIT 4 STARTUP 1984.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 1300.00 MW

COMPANY NAME/SITE LOCATION: KENTUCKY POWER - CARR'S FAC. LEWIS COUNTY POWER PLANT — ASHAD, KY — LEWIS COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. C-80-42
DETERMINATION MADE BY: KENTUCKY DAPC (AGENCY) — BILL DILLS (AGENCY CONTACT PERSON) — (502)-564-3382 (PHONE)

DATE OF PERMIT ISSUANCE-- 04/18/80
ESTIMATED DATE OF START-UP-- 1989

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
POWER BOILER	11943.00 MMBTU/H EA	SO2	0.6000 LB/MMBTU	FGD	BACT 95.00
		PM	0.0300 LB/MMBTU	ESP	BACT 99.81
		NOX	0.6000 LB/MMBTU	BOILER DESIGN & OPERATION	BACT

NOTES --------
TWO UNIT COAL BURNING POWER PLANT

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 1300.00 MW

COMPANY NAME/SITE LOCATION: KENTUCKY UTILITIES - HANCOCK POWER PLANT — LEXINGTON, KY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. C-82-123
DETERMINATION MADE BY: KENTUCKY DAPC (AGENCY); BILL DILLS (AGENCY CONTACT PERSON); (502)-564-3382 (PHONE)

DATE OF PERMIT ISSUANCE-- 04/15/82
ESTIMATED DATE OF START-UP-- 1990

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
UNIT #1	6650.00 MMBTU/H				
		PM	0.0300 LB/MMBTU		
			874.0000 T/YR		
				ESP	99.80
		CO	1397.0000 T/YR		
		SO2	1.2000 LB/MMBTU		
			15768.0000 T/YR		
				WET SCRUBBER	91.80
		NOX	0.6000 LB/MMBTU		
			17476.0000 T/YR		
UNIT #2	6650.00 MMBTU/H				
		PM	0.0300 LB/MMBTU		
			874.0000 T/YR		
				ESP	99.80
		CO	1397.0000 T/YR		
		SO2	1.2000 LB/MMBTU		
			15768.0000 T/YR		
				WET SCRUBBER	91.80
		NOX	0.6000 LB/MMBTU		
			17476.0000 T/YR		

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL

COMPANY NAME/SITE LOCATION: LOUISVILLE GAS & ELECT. - TRIMBLE CNTY * WISES LANDING, KY
TRIMBLE COUNTY

DETERMINATION IS
PERMIT NO. C-78-34
DETERMINATION MADE BY: KENTUCKY DAPC (AGENCY); BILL DILLS (AGENCY CONTACT PERSON); (502)-564-3382 (PHONE)

DATE OF PERMIT ISSUANCE-- 12/27/78
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INDIRECT HEAT EXCHANGER	4851.00 MMBTU/H				
		PM	0.1000 LB/MMBTU		
			1275.0000 T/YR		
				ESP	99.60
		SO2	1.2000 LB/MMBTU		
			10790.0000 T/YR		
				WET SCRUBBER	90.00
		NOX	0.7000 LB/MMBTU		
			8924.0000 T/YR		

NOTES --------
UNIT NUMBER 1

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL

COMPANY NAME/SITE LOCATION: LOUISVILLE GAS & ELECT. - WISE'S LANDIN* , KY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. C-79-53
DETERMINATION MADE BY: KENTUCKY DAPC (AGENCY); BILL DILLS (AGENCY CONTACT PERSON); (502)-564-3382 (PHONE)

DATE OF PERMIT ISSUANCE-- 03/01/79
ESTIMATED DATE OF START-UP-- 1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INDIRECT HEAT EXCHANGER	4851.00 MMBTU/H				
		PM	0.1000 LB/MMBTU		
			1275.0000 T/YR		
				ESP	99.60
		SO2	1.2000 LB/MMBTU		
			10790.0000 T/YR		
				WET SCRUBBER	90.00
		NOX	0.7000 LB/MMBTU		
			8924.0000 T/YR		

NOTES --------
UNIT NUMBER 2.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 4735.00 MMBTU/H

COMPANY NAME/SITE LOCATION: LOWER COLORADO RIVER AUTHORITY , TX — FAYETTE COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 9231-34
DETERMINATION MADE BY: TEXAS ACB (AGENCY) — JIM CROCKER (AGENCY CONTACT PERSON) — (512)-451-5711 (PHONE)

DATE OF PERMIT ISSUANCE-- 12/22/83
ESTIMATED DATE OF START-UP-- 1984

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, LIGNITE FIRED	4735.00 MMBTU/H				
		H2S*	954.7000 T/YR		BACT
		PM	622.0000 T/YR		B/N
				ESP	99.96
		HG	0.1300 T/YR		BACT
		VOC	168.2000 T/YR		BACT
		NOX	12350.2000 T/YR		B/N
				BURNER DESIGN	
		SO2	20736.9000 T/YR		B/N
				LIMESTONE SCRUBBER	90.00
		CO	2627.7000 T/YR		BACT
COAL HANDLING, CONVEYING SYS.	1200.00 T/H				
		PM	53.8000 T/YR		BACT
				COVERS & WETTING AGENTS	
COAL HANDLING, STORAGE	1800.00 T/H				
		PM	32.9000 T/YR		BACT
				BAGHOUSE	99.00
				WET SPRAY	
ASH HANDLING	300.00 T/H				
		PM	4.7000 T/YR		BACT
				BAGHOUSE	99.00
				WET UNLD MIXERS	
LIMESTONE HANDLING	300.00 T/H				
		PM	0.7000 T/YR		BACT
				ENCLOSURE	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 05/04/1984

(CONTINUED) LOWER COLORADO RIVER AUTHORITY

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)				

NOTES --------
ALT. EMISSION LIMITS ON BOILER ARE -- 0.6 LB/MMBTU NOX, 0.03 LB/MMBTU PM, 1.0 LB/MMBTU SO2.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 05/04/1984

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 517.60 MMBTU/H

COMPANY NAME/SITE LOCATION: MARQUETTE BOARD OF LT & PWR, SHIRAS GENERATING STA. — MARQUETTE, MI 49855, MARQUETTE COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 65-80
DETERMINATION MADE BY: MICHIGAN DNR (AGENCY); DAVID FERRIER (AGENCY CONTACT PERSON); (517)-322-1333 (PHONE)

DATE OF PERMIT ISSUANCE-- 04/01/80
ESTIMATED DATE OF START-UP-- 1982

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL-FIRED	517.60 MMBTU/H				
		PM	0.0300 LB/MMBTU	BAGHOUSE	99.90
		SO2	0.4000 LB/MMBTU	SPRAY LIME FGD UNIT LOW SULFUR WESTERN COAL	70.00
		NOX	0.5000 LB/MMBTU	LONG. FIRING + EXCESS AIR CON.	
COAL & ASH HANDLING & STORAGE					
		PM	0.0300 GR/DSCF	BAG FILTER CONTROL ENCLOSURES, DUST SUPPRESSANTS	99.90

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW 04/01/1983; POST STARTUP 03/13/1984

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 500000.00 LB/H

COMPANY NAME/SITE LOCATION: MICHIGAN SOUTH CENTRAL POWER AGENCY — LITCHFIELD, MI 49242 — HILLSDALE COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 607-78
DETERMINATION MADE BY: MICHIGAN DNR (AGENCY) — GREGORY EDWARDS (AGENCY CONTACT PERSON) — (517)-322-1333 (PHONE)

DATE OF PERMIT ISSUANCE-- 05/16/80
ESTIMATED DATE OF START-UP-- 1982

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COAL-FIRED BOILER	500000.00 LB/H				
		PM	0.0300 LB/MMBTU	ESP	99.70
					NSPS
		SO2		LIMESTONE SPRAY SCRUB	90.00
		NOX	0.6000 LB/MMBTU	CONTRL EXCESS & OVERFIRE AIR	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW 04/01/1983 POST STARTUP 03/13/1984

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 500.00 MW

COMPANY NAME/SITE LOCATION: MINN. POWER & LIGHT CO., CLAY-BOSWELL — COHASSET, MN

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. EPA-5-77-A-6
DETERMINATION MADE BY: EPA REGION V (AGENCY); BONIFACE THAYIL (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 06/16/77
ESTIMATED DATE OF START-UP--
(312)-886-6054 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL FIRED	500.00 MW	PM	0.1000 LB/MMBTU		NSPS
		SO2	1.2000 LB/MMBTU		NSPS

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE CODE 1.1

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 98.30 MMBTU/H

COMPANY NAME/SITE LOCATION: MORGANTOWN ENERGY RESEARCH CENTER — MORGANTOWN, WV
MORGANTOWN ENERGY RESEARCH CE* — MONONGALIA COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 78WV08
DETERMINATION MADE BY: EPA REGION III (AGENCY); EILEEN GLEN (AGENCY CONTACT PERSON); (215)-597-8187 (PHONE)
DATE OF PERMIT ISSUANCE-- 09/20/79
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
FLUIDIZED BED BOILER	98.30 MMBTU/H				
		PM	5.4000 LB/H		BACT
				CENTRIF. COLL. & FABRIC FILTER	99.00
		SO2	86.0000 LB/H		BACT
		NOX	34.0000 LB/H		BACT
COAL/LIMESTONE DRYER	52.00 CF/H				
		PM			BACT
				FABRIC FILTER	99.00
COAL/LIMESTONE DRYER	13230.00 T COAL				
COAL/LIMESTONE DRYER	6600.00 T LIMESTONE				
COAL/LIMESTONE UNLOAD	20000.00 T COAL LIME*				
		FUG*			BACT
				FABRIC FILTER	99.90
COAL/LIMESTONE CONVEYORS	20000.00 T COAL LIME*				
		FUG*			BACT
				FABRIC FILTER	99.90

NOTES --------
PROJECT CANCELLED

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 166.00 MW (GROSS)

COMPANY NAME/SITE LOCATION: MUSCATINE POWER & WATER — MUSCATINE, IA — MUSCATINE COUNTY

DETERMINATION IS B/L FOR A MODIFIED SOURCE.
PERMIT NO.
DETERMINATION MADE BY: EPA REGION VII (AGENCY) — DANIEL RODRIGUEZ (AGENCY CONTACT PERSON) — (816)-374-6525 (PHONE)
DATE OF PERMIT ISSUANCE-- 01/24/80
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, UNIT #9, COAL/OIL/GAS	166.00 MW				
		PM	0.0300 LB/MMBTU	COLDSIDE ESP	LAER 99.70
		SO2	0.4500 LB/MMBTU 30D R AV 0.5600 LB/MMBTU MAX D AV	WET-LIMESTONE SCRUBBER	LAER 92.00
		NOX	0.6000 LB/MMBTU	BOILER DESIGN	BACT
COAL HANDLING		PM	0.0100 GR/SCF	BAGHOUSE	LAER 99.99
ASH HANDLING		PM	0.0200 GR/SCF	BAGHOUSE	LAER 99.98

NOTES --------
LAER'S ESTABLISHED BY THE IOWA DEPT. OF ENVIRONMENTAL QUALITY, CONTACT - AFTER 7/1/83, THE IOWA DEPT. OF WATER, AIR, & WASTE MANAGEMENT, 515-281-8924. UNIT 9 WILL BURN SOUTHERN ILL. COAL. SO2 & PM OFFSETS WILL BE OBTAINED.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/01/1983

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 650.00 MW

COMPANY NAME/SITE LOCATION: NE PUBLIC POWER DIST./GENTLEMAN #2 — SUTHERLAND, NE
GERALD GENTLEMAN STATION (UNI* — LINCOLN COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO.
DETERMINATION MADE BY: EPA REGION VII (AGENCY) — CHARLES WHITMORE (AGENCY CONTACT PERSON) — (816)-374-6525 (PHONE)

DATE OF PERMIT ISSUANCE-- 02/09/77
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, STEAM GEN, COAL FIRED	650.00 MW				
		SO2	1.2000 LB/MMBTU	LCW S COAL	BACT
		PM	0.1000 LB/MMBTU	ESP	BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 650.00 MW

COMPANY NAME/SITE LOCATION: NEBRASKA PUBLIC POWER DIST. COMSTOCK STATION , NE

DETERMINATION IS BACT
PERMIT NO.
DETERMINATION MADE BY: NEBRASKA DEC (AGENCY) — GENE ROBINSON (AGENCY CONTACT PERSON) — (402)-471-2186 (PHONE)

DATE OF PERMIT ISSUANCE-- 12/16/80
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER	650.00 MW				
		PM	0.0300 LB/MMBTU		
				FABRIC FILTER	99.90
		SO2	70.0000 % REMOVAL		
			0.3800 LB/MMBTU 30D AV		
				DRY SCRUBBER	70.00
		NOX	0.5000 LB/MMBTU 30D AV		
		CO	50.0000 PPM		
COAL HANDLING					
		PM	20.0000 % OPACITY		
				FABRIC FILTER	99.90

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 2240.00 MW

COMPANY NAME/SITE LOCATION: NEVADA POWER CO.
25 MILES NE OF LAS VEGAS , NV

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. NV-77-01
DETERMINATION MADE BY: EPA REGION IX (AGENCY); LARRY BONERMAN (AGENCY CONTACT PERSON); (415)-974-8213 (PHONE)

DATE OF PERMIT ISSUANCE-- 04/13/81
ESTIMATED DATE OF START-UP-- 1990

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILERS, 4 EA	560.00 MW				
		CO	320.0000 LB/H		BACT
			50.0000 PPM AT 20% EXCESS AIR		
				PROPER BOILER DESIGN	
				EXCESS AIR MONITORING	
		NOX	2498.0000 LB/H		BACT
			0.4400 LB/MMBTU		
				PROPER BOILER DESIGN W/ COMBUSTION AND LOW NOX*	
		SO2	566.0000 LB/H		BACT
			0.1000 LB/MMBTU		
				ONE (1) WET LIME SCRUBBER	95.00
				TWO (2) STANDBY MODULES TO IMPROVE SYSTEM RELI*	
		PM	0.0150 LB/MMBTU		BACT
			10.0000 % OPACITY		
				BAGHOUSE, UNLESS ESP DESIGN APPROVED	99.76
		VOC			
				PROPER BOILER DESIGN	
				COMBUSTION MONITORS	
		PB			BACT
		BE		NONE	
				SAME AS LEAD	
		HG		NONE	
				PM AND SO2 CONTROLS EQUIPMENT	
				MONITOR HG CONTENT IN COAL	

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

(CONTINUED) NEVADA POWER CO.

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)		F	9.0000 LB/H	SAME AS MERCURY	
		H2S*	13.0000 LB/H	SAME AS MERCURY W/O COAL MONITORING	
COAL FIRED BOILERS, 4	31250.00 T/D	PM	11.4000 T/YR	VENTURIES TO WET SCRUBBER OR BAGHOUSE ENCLOSURE AND WETTING TRANSFER POINTS	99.00
ACTIVE COAL STORAGE SILOS		PM		TRACE BAGHOUSE ON SILO VENTS	95.00
COAL DEWATERING PLANT		CO	26.0000 LB/H 50.0000 PPM	SAME AS FOR BOILERS	
		NOX	204.0000 LB/H 0.4400 LB/MMBTU	SAME AS FOR BOILERS	
		SO2	46.0000 LB/H 0.1100 LB/MMBTU	SAME AS FOR BOILERS	
		BE		NONE SAME AS FOR BOILERS	
		HG		NONE SAME AS FOR BOILERS	
		F	1.0000 LB/H 2.0000 LB/H	SAME AS FOR BOILERS	
		H2S*	1.0000 LB/H 2.0000 LB/H	SAME AS FOR BOILERS	
INACTIVE COAL STORAGE PILE		FUG*		COMPACTION & CHEMICAL STABILIZATION W/BINDING *	90.00
LIME CONVEYING, TRANSFER, STORA*		PM		BAGHOUSES ON LIME SILO AND SLAKER VENTS. PNEUMATIC UNLOADING, ENCLOSED CONVEYOR,	
ASH HANDLING,STOR. & DISPOSAL					

INITIAL REVIEW POST STARTUP

REVIEW STATUS: 04/01/1983

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE CODE 1.1

(CONTINUED) NEVADA POWER CO.

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)				
		PM		
			SILO VENTED TO BAGHOUSE. FLY ASH PNEUMATICALLY CONVEYED TO SILO.	
PLANT ACCESS & HAUL ROADS				
		FUG*		
			MOST ROADS PAVED AND 20 MPH SPEED LIMIT	
FUEL OIL STORAGE	3.10 MMGAL			
		VOC		
			FIXED OR FLOATING ROOF	

NOTES --------
(250) LB/HR LIMITS APPLY TO ANY CONSECUTIVE 24-HOUR PERIOD, ALL OTHER ARE FOR CONSECUTIVE 30-DAY PERIOD AS DETERMINED BY CONTI NUOUS MONITORING SYS. OPACITY LIMIT (6 MINUTE AVERAGE) CANNOT BE EXCEEDED
EXCEPT FOR ONE 6-MINUTE PERIOD PER HOUR OF NOT MORE THAN 15% OPACITY AS DETERMINED BY METHOD 9 OR THE OPACITY MONITORING SYS.
BACT FOR PM REPRESENTS BACT FOR LEAD. TRACE EQUALS LESS THAN 0.1 T/YR.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 1080.00 MW

COMPANY NAME/SITE LOCATION: NEW ENGLAND POWER CO., BRAYTON POINT ST* — SOMERSET, MA

DETERMINATION IS RACT FOR A MODIFIED SOURCE.
PERMIT NO. APPR. LTR 10-01-80
DETERMINATION MADE BY: MASSACHUSETTS DEQE - AIR (AGENCY); VAUGHAN STEEVES (AGENCY CONTACT PERSON); (617)-727-1440 (PHONE)

DATE OF PERMIT ISSUANCE-- 11/01/80
ESTIMATED DATE OF START-UP-- 1980

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COAL COMBUSTION	10625.00 MMBTU/H				
		S	1.2100 LB/MMBTU MONTHLY AV 2.3100 LB/MMBTU DAILY AV		RACT
		PM	0.0800 LB/MMBTU	ESP	RACT 99.30
		NOX			

NOTES --------
PM TESTED AT 0.034 LB/MMBTU, 0.016 LB/MMBTU, & 0.010 LB/MMBTU FOR UNITS 1 - 3, RESPECTIVELY. THREE UNITS COMBINED - 250 MW, 250 MW, & 580 MW. VOLUNTARY COAL CONVERSION.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW 04/01/1983 POST STARTUP

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 7934.00 MMBTU/H

COMPANY NAME/SITE LOCATION: NORTHERN INDIANA PUBLIC SERVICE CO. — WHEATFIELD, IN

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. EPA-5-A-80-18
DETERMINATION MADE BY: EPA REGION V (AGENCY); BONIFACE THAYIL (AGENCY CONTACT PERSON); (312)-886-6054 (PHONE)

DATE OF PERMIT ISSUANCE-- 03/31/80
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILERS, COAL-FIRED, 2 EA	3967.00 MMBTU/H				
		PM	0.0300 LB/MMBTU		
				ESP	99.73
		SO2	0.6200 LB/MMBTU		
				SCRUBBER	90.00
		NOX	0.6000 LB/MMBTU		
FUGITIVE EMISSIONS, CRUSHER HOU*					
		PM			
				BAGHOUSE	99.00
FUGITIVE EMISSIONS, CONVEYORS					
		PM			
				ENCLOSED COAL CONVEYORS	
FUGITIVE EMISSIONS, FLYASH & HA*					
		PM			
				BAGHOUSE	
				WETTED COAL	

NOTES --------
TWO BOILERS UNDER PERMIT. TRUCKS UTILIZIED FOR ASH DISPOSAL SHALL BE COVERED.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 1600.00 MW

COMPANY NAME/SITE LOCATION: NORTHERN STATE POWER CO., SHERBURNE STA — BECKER, MN — SHERBURNE COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. EPA-5-77-A-2
DETERMINATION MADE BY: EPA REGION V (AGENCY) — BONIFACE THAYIL (AGENCY CONTACT PERSON) — (312)-886-6054 (PHONE)

DATE OF PERMIT ISSUANCE-- 04/25/77
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL FIRED, 2 EA	800.00 MW				
		PM	0.1000 LB/MMBTU		NSPS
		SO2	1.2000 LB/MMBTU		NSPS

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1933

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL

COMPANY NAME/SITE LOCATION: NSPS COAL/WATER MIXTURE DEMO PROJECT — SOUTHPOINT, OH — LAWRENCE COUNTY

DETERMINATION IS
PERMIT NO. 07-107
DETERMINATION MADE BY: PORTSMOUTH (AGENCY) — FRANK PHILLIPS (AGENCY CONTACT PERSON) — (614)-353-5153 (PHONE)

DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP-- 1984

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
P001	2.80 MMBTU				
		PM	0.0310	GR/DSCF	NSPS
				FABRIC FILTER	99.99
		VE	20.0000	% OPACITY	NSPS
P002	2.80 MMBTU				
		PM	0.0310	GR/DSCF	NSPS
				FABRIC FILTER	99.99
		VE	20.0000	% OPACITY	NSPS
P003	2.80 MMBTU				
		PM	0.0310	GR/DSCF	NSPS
				FABRIC FILTER	99.99
		VE	20.0000	" OPACITY	NSPS

NOTES --------
EXCEPT FOR COAL RECEIVING AND TRANSFER TO PULVERIZER ALL OF PROCESS IS ENCLOSED BY PIPES, TANKS, ETC. MOST OF PROCESS COAL IS MIXED WITH WATER. BAGHOUSES SEPERATE TRANSFER AIR FROM PRODUCT - APPROX. 99% OF TRANSFER AIR FROM BAGHOUSE WILL BE RECIRCULATED. ALSO PERMIT NUMBER 07-44-00-0094.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW 12/28/1984 POST STARTUP

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 635.00 MW

COMPANY NAME/SITE LOCATION: NY STATE ELECT. & GAS - CYUGA STATION — SOMERSET, NY — NIAGARA COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO.
DETERMINATION MADE BY: EPA REGION II (AGENCY) — BARRY TORNICK (AGENCY CONTACT PERSON) — (212)-264-9579 (PHONE)

DATE OF PERMIT ISSUANCE-- 06/29/81
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
MAIN BOILER	1750.00 MMBTU/H				
		PM	0.0300 LB/MMBTU	ESP	BACT
		SO2	0.7000 LB/MMBTU		BACT
			0.6000 LB/MMBTU	FGD & S<3.6% BY WT.	90.00
		NOX	0.6000 LB/MMBTU	GOOD DESIGN & COMBST PRACT.	BACT
		CO		GOOD COMBST PRACT.	BACT
		F		FGD SYSTEM	BACT
		PB		ESP/FGD	BACT
		HG		ESP/FGD	BACT
		BE		ESP/FGD	BACT
AUXILIARY BOILERS, 2	195.00 MMBTU/H				
		SO2		USE OF #2 FUEL OIL	BACT
		NOX		USE OF #2 FUEL OIL	BACT
COAL HANDLING	200000.00 T/YR				

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

(CONTINUED) NY STATE ELECT. & GAS - CYUGA STATION

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)				
		PM		BACT
			FABRIC FILTER H2O SPRAY & ENCLOSED SYS.	
LIMESTONE HANDLING				
		PM		BACT
			FABRIC FILTER H2O SPRAY & ENCLOSED SYS.	
FLYASH HANDLING				
		PM		BACT
			FABRIC FILTER	

INITIAL REVIEW POST STARTUP

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE. REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 550.00 MW

COMPANY NAME/SITE LOCATION: OKLAHOMA GAS & ELECT. CO. — BEDROCK, OK — NOBLE COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. (REGION FILE NO.) PSD-OK-218
DETERMINATION MADE BY: EPA REGION VI (AGENCY); JOHN BUNYAK (AGENCY CONTACT PERSON); (214)-767-1594 (PHONE)
DATE OF PERMIT ISSUANCE-- 10/05/81
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
GEN. UNITS, COAL-FIRED, 2 EA	5250.00 MMBTU/H				
		SO2	0.4600 LB/MMBTU	FLUE GAS DESULFURIZATION	NSPS 70.00
		NOX	0.5000 LB/MMBTU	EXCESS AIR	NSPS
		CO	0.0640 LB/MMBTU	COM. CONTROLS & PROPER OPER.	BACT
		PM	0.0300 LB/MMBTU	ESP OR BAGHOUSE	NSPS 99.60
TUNNELS, COAL RECLAM., 2 EA					
		PM	2.8000 LB/H	DUST COLLECTOR	BACT 98.00
COAL CRUSHER TOWER					
		PM	3.4000 LB/H	DUST COLLECTOR	BACT 98.00
BIN TOWERS, COAL SURGE, 2 EA					
		PM	3.9000 LB/H	DUST COLLECTOR	BACT 98.00
COAL SILOS, 2 EA					
		PM	3.7000 LB/H	DUST COLLECTOR	BACT 98.00
COAL STORAGE PILES	80.00 LB/ACRE-H				
		PM	5.8000 LB/ACRE	CHEMICAL & WATER STABILIZERS	BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/01/1983

(CONTINUED) OKLAHOMA GAS & ELECT. CO.

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)				

NOTES --------
OKLAHOMA GAS & ELECTRIC COMPANY, UNIT #3.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 550.00 MW

COMPANY NAME/SITE LOCATION: OKLAHOMA GAS & ELECT. CO. — MUSKOGEE, OK

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. PSD-OK-57
DETERMINATION MADE BY: EPA REGION VI (AGENCY); JOHN BUNYAK (AGENCY CONTACT PERSON); (214)-767-1594 (PHONE)

DATE OF PERMIT ISSUANCE-- 03/30/78
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COAL FIRED BOILER	550.00 MW	SO2	1.2000 LB/MMBTU 6180.0000 LB/H	LOW S WESTERN COAL	
		PM	0.1000 LB/MMBTU 212.0000 LB/H		

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE CODE 1.1

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 500.00 MW

COMPANY NAME/SITE LOCATION: PACIFIC POWER & LIGHT — POINT OF ROCKS, WY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. CT-23
DETERMINATION MADE BY: WYOMING AQD (AGENCY) — LEE GRIBOVICZ (AGENCY CONTACT PERSON) — (307)-332-3144 (PHONE)

DATE OF PERMIT ISSUANCE-- 12/01/75
ESTIMATED DATE OF START-UP-- 1979

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL	5020.00 MMBTU/H				
		SO2	0.2000 LB/MMBTU 2H AV	FGD, WET SODIUM SCRUBBER	BACT
		PM	0.1000 LB/MMBTU	ESP	BACT 99.30
		NOX	0.7000 LB/MMBTU	DESIGN	BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 37.00 MW

COMPANY NAME/SITE LOCATION: PANORAMA ENERCORP, INC — KETTLE FALLS, WA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. (REGION FILE NO.) PSD-X81-15
DETERMINATION MADE BY: EPA REGION X (AGENCY); PAUL BOYS (AGENCY CONTACT PERSON); (206)-442-1193 (PHONE)

DATE OF PERMIT ISSUANCE-- 09/22/81
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER	37.00 MW				
		PM	0.0070 GR/DSCF 12% CO2	ESP	99.00
		CO	107.3000 LB/H		BACT
		VOC	36.5000 LB/H		
		NOX	0.1700 LB/MMBTU		BACT

NOTES --------
GENERAL DESIGN CONTRIBUTES TO REDUCTION OF ALL POLLUTANTS AND INCLUDES 1) INCREASED BOILER HEIGHT FOR BETTER EFFICIENCY, 2) OV
ERFIRE AND UNDERFIRE AIR, 3) FEEDWATER HEATERS TO INCREASE EFFICIENCY.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/01/1983

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 625.00 MW ONE

COMPANY NAME/SITE LOCATION: PENNSYLVANIA ELECT. CO. — LAKE CITY, PA
COHO-1 — ERIE COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 78PA13
DETERMINATION MADE BY: EPA REGION III (AGENCY); DAVID ARNOLD (AGENCY CONTACT PERSON); (215)-597-7936 (PHONE)
DATE OF PERMIT ISSUANCE-- 08/18/81
ESTIMATED DATE OF START-UP-- 1989

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
UTILITY BOILER, COAL FIRED	6280.00 MMBTU/H				
		PM	0.0300 LB/MMBTU		NSPS
				ESP	99.70
		SO2	0.6260 LB/MMBTU		BACT
				LIME SCRUBBING-77%	99.00
		NOX	0.6000 LB/MMBTU		NSPS
		CO	0.0400 LB/MMBTU		NSPS
COAL AND ASH HANDLING		PM			BACT
				WET SUPPRESSION AND DUST COLLECTORS	

NOTES --------
UP TO 40% SULFUR TO BE REMOVED BY COAL CLEANING PRIOR TO REACHING BOILER.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/01/1983

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 2471.00 MMBTU/H

COMPANY NAME/SITE LOCATION: PLAINS ELECT. GEN & TRANS — PREWITT, NM — MCKINLEY COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. (REGION FILE NO.) PSD-NM-82
DETERMINATION MADE BY: EPA REGION VI (AGENCY); JOHN BUNYAK (AGENCY CONTACT PERSON); 214-767-1594 (PHONE)
DATE OF PERMIT ISSUANCE-- 05/27/81
ESTIMATED DATE OF START-UP-- 1983

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
STEAM GENERATOR, COAL-FIRED	2471.00 MMBTU/H				
		PM	0.0300 LB/MMBTU	BAGHOUSE	NSPS 99.90
		SO2	0.2000 LB/MMBTU	FLUE GAS DESULFURIZATION	BACT 90.00
		CO	0.0630 LB/MMBTU	FIRE BOX DESIGN & COM. CONTROL	BACT
		NOX	0.4500 LB/MMBTU	FIRE BOX DESIGN & COM. CONTROL	BACT
		F	0.0010 LB/MMBTU		BACT
COAL HANDLING		PM			
STOCKPILING AND STORAGE		PM			
LIMESTONE HANDLING		PM			
FUGITIVE EMISSIONS		PM			

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/01/1983

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 250.00 MW

COMPANY NAME/SITE LOCATION: PLATTE RIVER PWR-RAWHIDE — NEAR FORT COLLINS, CO — LARIMER COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO.
DETERMINATION MADE BY: EPA REGION VIII (AGENCY) — JOHN DALE (AGENCY CONTACT PERSON) — (303)-837-3763 (PHONE)

DATE OF PERMIT ISSUANCE-- 05/22/80
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER	250.00 MW				
		NOX	0.5000 LB/MMBTU	DESIGN	BACT 65.00
		PM	0.0300 LB/MMBTU	BAGHOUSE	BACT 99.70
		SO2	0.1300 LB/MMBTU	DRY SCRUBBER	BACT 80.00
COAL CONV	870.00 MT/YR				
		PM	0.5300 LB/H	BAGHOUSE	BACT 99.70
COAL CRUSHING	870.00 MT/YR				
		PM	0.4000 LB/H	BAGHOUSE	BACT 99.70
COAL STORAGE	870.00 MT/YR				
		PM	40.4000 LB/H	CRUSHING AGENT	BACT 80.00
COAL UNLOAD	870.00 MT/YR				
		PM	1.0500 LB/H	BAGHOUSE	BACT 99.70
LIME STORAGE	5.60 MT/YR				
		PM	0.0400 LB/H	BAGHOUSE	BACT 99.60
SILO(ASH)	57.70 MT/YR				
		PM	0.0100 LB/H	BAGHOUSE	BACT 99.70

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)				

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 37.50 MW

COMPANY NAME/SITE LOCATION: RIO BRAVO REFINING CO. , CA — KERN COUNTY

DETERMINATION IS LAER FOR A MODIFIED SOURCE.
PERMIT NO. 4141003
DETERMINATION MADE BY: KERN COUNTY APCD (AGENCY) — TOM PAXSON (AGENCY CONTACT PERSON) — (805)-861-3682 (PHONE)

DATE OF PERMIT ISSUANCE-- 02/28/85
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL FIRED	37.50 MW				
		NOX	0.2000 LB/MMBTU	CIRCULATING BED COMBUSTION	LAER
		CO	0.2700 LB/MMBTU	CIRCULATING BED COMBUSTION	LAER

NOTES --------
IF LOWER EMISSION LIMIT FOR EITHER POLLUTANT IS ACHIEVED IN PRACTICE, SUCH LOWER EMISSIONS WOULD BE IMPOSED AS SPECIFIC LIMITI NG CONDITIONS CONSTITUTING LAER. OPERATING CONDITIONS 24 H/D, 7 D/WK, 52 WK/YR.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 350.00 MW

COMPANY NAME/SITE LOCATION: SALT RIVER PROJECT CORONADO STATION UNI* — ST. JOHNS, AZ

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. (REGION FILE NO.) AZP76-1
DETERMINATION MADE BY: EPA REGION IX (AGENCY); JIM HANSON (AGENCY CONTACT PERSON); (415)-974-8038 (PHONE)

DATE OF PERMIT ISSUANCE-- 04/10/78
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
STEAM GEN. UNIT 1	350.00 MW				
		PM	0.0820 LB/MMBTU	ESP	
		SO2	0.8000 LB/MMBTU	WET LIMESTONE SCRUBBER	64.00 NSPS
		NOX	0.7000 LB/MMBTU		

NOTES --------
COAL CONVEYING SYS WILL BE ENCLOSED AND DUST SUPPRESSANT ADDED AT TRANSFER POINTS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 890.00 MW

COMPANY NAME/SITE LOCATION: SANDOW STEAM ELECT. STATION — ROCKDALE, TX — MILAM COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. PSD-TX-28
DETERMINATION MADE BY: EPA REGION VI (AGENCY); TOM DIGGS (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 09/20/77
ESTIMATED DATE OF START-UP--
(214)-767-1594 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, LIGNITE FIRED	890.00 MW				
		SO2	1.2000 LB/MMBTU		
			6827.0000 LB/H		
				FGD	70.00
		PM	0.1000 LB/MMBTU		
				ESP	99.80

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 530.50 MW

COMPANY NAME/SITE LOCATION: SIERRA PACIFIC POWER CO. — VALMY, NV

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. (REGION FILE NO.) NV 77-02
DETERMINATION MADE BY: EPA REGION IX (AGENCY) — DAVID SOLOMON (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 04/04/78
ESTIMATED DATE OF START-UP-- 1983
(415)-974-8066 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILERS, COAL FIRED, 2	277.00 MW				
		SO2	1.2000 LB/MMBTU		
		NOX	0.7000 LB/MMBTU		
		PM	0.1000 LB/MMBTU		
				BAGHOUSE	99.75

NOTES --------
EMISSION LIMITS APPLY TO EACH UNIT SEPERATELY. BASIS DETERMINED BY NAPS AND PSD CLASS II INCREMENT CONSIDERATIONS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW 04/01/1983 POST STARTUP 02/13/1984

ID NUMBER NV-0002

SOURCE TYPE CODE 1.1

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 235.00 MW

COMPANY NAME/SITE LOCATION: SIKESTON BOARD OF MUNICIPAL UTILITIES — SIKESTON, MO — SCOTT COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO.
DETERMINATION MADE BY: EPA REGION VII (AGENCY) — CHARLES WHITMORE (AGENCY CONTACT PERSON) — (816)-374-6525 (PHONE)

DATE OF PERMIT ISSUANCE-- 07/14/77
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, STEAM GEN, COAL FIRED	235.00 MW				
		SO2	1.2000 LB/MMBTU	WET LIMESTONE SCRUBBER	BACT
		PM	0.1000 LB/MMBTU	ESP	BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/01/1983

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 567.00 MW, 2 EA

COMPANY NAME/SITE LOCATION: SOUTHWESTERN PUBLIC SERVICE — SUDAN, TX — LAMB COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. (REGION FILE NO.) PSD-TX-50
DETERMINATION MADE BY: EPA REGION VI (AGENCY); TOM DIGGS (AGENCY CONTACT PERSON); (214)-767-1594 (PHONE)

DATE OF PERMIT ISSUANCE-- 03/30/78
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
STEAM TURBINE, COAL-FIRED	567.00 MW				
		SO2	308.8000 LB/H		
			1.2000 LB/MMBTU		
				LOW SULFUR FUEL	
		PM	0.1000 LB/MMBTU		
				FABRIC FILTER	98.60
				SPRINKLE ROADS WITH WATER OR CHEM.	

NOTES --------
TWO UNITS, 567 MW EACH.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 348.00 MW (GROSS)

COMPANY NAME/SITE LOCATION: SUNFLOWER ELECT. COOP., INC. - HAYS, KS. — NEAR HOLCOMB, KS
HOLCOMB STATION — FINNEY COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO.
DETERMINATION MADE BY: EPA REGION VII (AGENCY) — DANIEL RODRIGUEZ (AGENCY CONTACT PERSON) — (816)-374-6525 (PHONE)
DATE OF PERMIT ISSUANCE-- 05/19/80
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL-FIRED	3389.00 MMBTU/H				
		NOX	0.6000 #/MMBTU	STAGED COMBUST., LEA	BACT
		SO2	0.4800 LB/MMBTU 30D R AV	LIME BASED DRY SCRUBBER	BACT 80.00
		CO	0.0600 LB/MMBTU 30D R AV		BACT
		PM	0.0300 LB/MMBTU	FABRIC FILTER	BACT

NOTES --------
THE NOX LIMIT TAKES PRIORITY OVER THE CO LIMIT. IF NECESSARY THE CO LIMIT WILL BE ADJUSTED AFTER THE UNIT HAS BEEN PERFORMANCE TESTED. THE UNIT WILL BURN LOW S WYOMING COAL.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 1440.00 MW

COMPANY NAME/SITE LOCATION: SW ELECT. POWER — CANTON, TX — VAN ZANDT COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. (REGION FILE NO.) PSD-TX-130
DETERMINATION MADE BY: EPA REGION VI (AGENCY) — JOHN BUNYAK (AGENCY CONTACT PERSON) — (214)-767-1594 (PHONE)

DATE OF PERMIT ISSUANCE-- 02/23/81
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILERS, 2 EA	6821.00 MMBTU/H	PM	0.0300 LB/MMBTU	ELECTROSTATIC PRECIPITATOR	NSPS 99.80
		SO2	0.9000 LB/MMBTU	WET LIMESTONE FLUE GAS DESULFURIZATION	BACT 87.40
		NOX	0.6000 LB/MMBTU	LOW NOX BURNERS FLUE GAS RECIRCULATION	NSPS
		CO	0.1000 LB/MMBTU	LOW EXCESS AIR	BACT
COAL UNLOAD		PM	2.4000 LB/H	WET SUPPRESSION	
COAL TRANSFER		PM	2.4000 LB/H	ENCLOSED	
COAL STORAGE		PM	2.4000 LB/H	CHEMICAL STABILIZER	
LIMESTONE UNLOAD		PM	0.2000 LB/H	WET SUPPRESSION	
LIMESTONE TRANSFER		PM	0.6000 LB/H	ENCLOSED	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

(CONTINUED) SW ELECT. POWER

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
LIMESTONE STORAGE		PM	0.2000 LB/H	CHEMICAL STABILIZER	

NOTES --------
NOX LIMIT FOR BOILERS IS 30 DAY ROLLING AVERAGE.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 720.00 MW EA

COMPANY NAME/SITE LOCATION: SW ELECT. POWER, P.O. BOX 21106, NABORTION, LA 71156 — DESOTO PARISH

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. (REGION FILE NO.) PSD-LA-117
DETERMINATION MADE BY: EPA REGION VI (AGENCY) — JOHN BUNYAK (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 09/01/81
ESTIMATED DATE OF START-UP--
(214)-767-1594 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL FIRED	720.00 MW	SO2	1.2000 LB/MMBTU	FGD	NSPS 76.00
		NOX	0.6000 LB/MMBTU	LOW NOX BURNERS	NSPS
		PM	0.1000 LB/MMBTU	ESP	BACT 99.80
		CO	0.8000 LB/MMBTU	EFFICIENT COMBUSTION	BACT
BOILER, COAL FIRED	720.00 MW	SO2	0.6000 LB/MMBTU	FGD	NSPS 89.50
		NOX	0.6000 LB/MMBTU	LOW NOX BURNERS	NSPS
		PM	0.0300 LB/MMBTU	ESP	BACT 99.80
		CO	0.8000 LB/MMBTU	EFFICIENT OPERATION	BACT
COAL HANDLING		PM		SPRAY APPL. & DUST COLLECT.	

NOTES --------
UNIT 1 UNDER 40CFR PART 60 SUBPART D. UNIT 2 UNDER 40CFR PART 60 SUBPART DA. FUGITIVE DUST CONTROLLED BY WATER SPRAY DURING CONSTRUCTION

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/01/1983

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 720.00 MW, 2 EA

COMPANY NAME/SITE LOCATION: SW ELECT. POWER, 2700 ONE MAIN PL. — DALLAS, TX 75250

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO.
DETERMINATION MADE BY: EPA REGION VI (AGENCY); JOHN BUNYAK (AGENCY CONTACT PERSON); (214)-767-1594 (PHONE)
DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL FIRED UNIT #1	6780.00 MMBTU/H				
		PM	203.0000 LB/H	UNCONTROLLED	
			0.0300 LB/MMBTU		
				ESP	99.90
		SO2	0.7200 LB/MMBTU		
			4882.0000 LB/H	UNCONTROLLED	
				DESULFURIZATION SYS.	90.00
		NOX	0.6000 LB/MMBTU		
			4068.0000 LB/H	UNCONTROLLED	
				BURNER DESIGN	
		CO	0.1300 LB/MMBTU		
			892.0000 LB/H	UNCONTROLLED	
				BURNER DESIGN	
BOILER, COAL FIRED UNIT #2	6780.00 MMBTU/H				
		PM	203.0000 LB/H	UNCONTROLLED	
			0.0300 LB/MMBTU		
				ESP	99.90
		SO2	0.7200 LB/MMBTU		
			4882.0000 LB/H	UNCONTROLLED	
				DESULFURIZATION SYS.	90.00
		NOX	0.6000 LB/MMBTU		
			4068.0000 LB/H	UNCONTROLLED	
				BURNER DESIGN	
		CO	0.1300 LB/MMBTU		
			892.0000 LB/H	UNCONTROLLED	
				BURNER DESIGN	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

(CONTINUED) SW ELECT. POWER

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)				

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 720.00 MW

COMPANY NAME/SITE LOCATION: SW ELECT. POWER — HALLSVILLE, TX

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. PSD-TX-64
DETERMINATION MADE BY: EPA REGION VI (AGENCY); JOHN BUNYAK (AGENCY CONTACT PERSON); (214)-767-1594 (PHONE)

DATE OF PERMIT ISSUANCE-- 03/30/78
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COAL FIRED STEAM GEN	720.00 MW				
		SO2	1.2000 LB/MMBTU		
			682.0000 LB/H		
				WET LIMESTONE FGD	76.00
		PM	0.1000 LB/MMBTU		
				ESP	99.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/01/1983

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 500.00 MW

COMPANY NAME/SITE LOCATION: S.C. PUBLIC SERVICE AUTHORITY, CROSS SITE — CROSS, SC — BERKELEY COUNTY

DETERMINATION IS BACT
PERMIT NO. P/C-08-190
DETERMINATION MADE BY: SOUTH CAROLINA DHEC (AGENCY) — OTTO PEARSON (AGENCY CONTACT PERSON) — (803)-758-5406 (PHONE)

DATE OF PERMIT ISSUANCE-- 12/03/81
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
#3 GENERATOR	500.00 MW	PM	0.0300 LB/MMBTU	ESP	NSPS 99.80 BACT
		SO2	0.4100 LB/MMBTU	LOW S COAL	85.00 B/N
		NOX	0.6000 LB/MMBTU	EQUIPMENT DESIGN & OPERATION	BACT
		CO	0.0400 LB/MMBTU	EQUIPMENT DESIGN & OPERATION	

REVIEW STATUS: INITIAL REVIEW 04/01/1983 POST STARTUP 04/02/1984

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE CODE 1.1

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 1600.00 MMBTU/H

COMPANY NAME/SITE LOCATION: TACOMA CITY LIGHT — TACOMA, WA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. (REGION FILE NO.) PSD-X-82-06
DETERMINATION MADE BY: EPA REGION X (AGENCY)
DAVID TETTA (AGENCY CONTACT PERSON)
(206)-442-1597 (PHONE)
DATE OF PERMIT ISSUANCE-- 05/11/82
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER	1600.00 MMBTU/H	SO2	0.2300 LB/MMBTU		
			367.0000 LB/H	DRY SCRUBBER	85.00
		SO2	1366.0000 T/YR	DRY SCRUBBER	85.00
		NOX	0.5000 LB/MMBTU		
			786.0000 LB/H		
		NOX	2926.0000 T/YR		

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 425.00 MW

COMPANY NAME/SITE LOCATION: TAMPA ELECT. CO. P.O. BOX 111 — RUSKIN, FL 33601 — HILLSBOROUGH COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. (REGION FILE NO.) PSD-FL-040
DETERMINATION MADE BY: FLORIDA DER (AGENCY) — BOB KING (AGENCY CONTACT PERSON) — (904)-488-1344 (PHONE)
DATE OF PERMIT ISSUANCE-- 10/15/81
ESTIMATED DATE OF START-UP-- 1981

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL FIRED	425.00 MW				
		PM	0.0300 LB/MMBTU		NSPS
			130.0000 LB/H		
				ESP	99.00
		SO2	0.8200 LB/MMBTU		NSPS
			3576.0000 LB/H		
				LIMESTONE SCRUBBER	90.00
				COAL WASHING	
		NOX	0.6000 LB/MMBTU		BACT
			2598.0000 LB/H		
				EQUIPMENT DESIGN & OPERATION	
		CO	0.0140 LB/MMBTU		BACT
			61.0000 LB/H		
				EQUIPMENT DESIGN & OPERATION	

NOTES --------
BIG BEND STATION UNIT #4.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983 01/25/1984

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 350.00 MW

COMPANY NAME/SITE LOCATION: TUCSON ELECT. POWER CO. UNIT #3 — SPRINGERVILLE, AZ

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. AZP 79-01
DETERMINATION MADE BY: EPA REGION IX (AGENCY); DAVID SOLOMON (AGENCY CONTACT PERSON); (415)-974-8066 (PHONE)

DATE OF PERMIT ISSUANCE-- 04/11/80
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COAL FIRED GEN. UNITS	350.00 MW	SOX	0.2180 LB/MMBTU 817.0000 LB/H	DRY LIMESTONE SCRUBBER	85.00
		NOX	0.4400 LB/MMBTU	COMBUSTION MODIFICATIONS	
		PM	0.0260 LB/MMBTU	BAGHOUSE	99.96

NOTES --------
PSD INCREMENT COMPLIANCE AND NSPS USED IN THE DETERMINATION OF BACT EMISSION LIMITS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/01/1983

SOURCE TYPE/SIZE EXTERNAL COMBUSTION - COAL 700.00 MW

COMPANY NAME/SITE LOCATION TUCSON ELECT. POWER CO. UNITS #1 & 2 TUCSON, AZ APACHE COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. (REGION FILE NO.) AZ77-01
DETERMINATION MADE BY EPA REGION IX (AGENCY) DAVID SOLOMON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 12/21/77
ESTIMATED DATE OF START-UP--
(415)-974-8066 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COAL FIRED GEN. UNITS, 2	350.00 MW EA	PM	0.0340 LB/MMBTU	HOT SIDE ESP	BACT
		SO2	0.6900 LB/MMBTU	WET LIME SCRUBBER	BACT 64.00
		NOX	0.6970 LB/MMBTU		NSPS
COAL HANDLING		PM		SPRAY APPLIC. & DUST COLLECT	
BOTTOM ASH		PM		HYDRAULIC CONVEYANCE	
FLY ASH		PM		PNEUMATIC CONVEYANCE	

NOTES --------
DETAILED CONTROL STRATIGIES FOR THESE FACILITIES IS GIVEN IN PERMIT. WET SUPPRESSION SHALL BE USED TO CONTROL FUGITIVE DUST DU
RING CONSTRUCTION. SAMPLING OF COAL IS REQUIRED. THIS DEGREE OF CONTROL WAS PROPOSED BY THE CO. IN ITS APPLICATION.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 200.00 MMBTU/H

COMPANY NAME/SITE LOCATION: TVA - AFBC PILOT PLANT - SHAWNEE STEAM * — PADACAH, KY 42001
AFBC PILOT PLANT — MCCRACKEN COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. C-80-18
DETERMINATION MADE BY: KENTUCKY DAPC (AGENCY); BILL DILLS (AGENCY CONTACT PERSON); (502)-564-3382 (PHONE)
DATE OF PERMIT ISSUANCE-- 04/14/80
ESTIMATED DATE OF START-UP-- 1982

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
FLUIDIZED BED BOILER	200.00 MMBTU/H	SO2	1.2000 LB/MMBTU	FLUIDIZIED BED COMBUSTION	BACT 85.00
		PM	0.1000 LB/MMBTU	BAGHOUSE	BACT 99.90

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW 04/01/1983 POST STARTUP 02/13/1984

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 230.00 MW

COMPANY NAME/SITE LOCATION: TVA - PARADISE - DRAKESBORO , KY
720 EDRCO BLDG. MUHLENBURG COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. C-79-47
DETERMINATION MADE BY: KENTUCKY DAPC (AGENCY) — BILL DILLS (AGENCY CONTACT PERSON) — (502)-564-3382 (PHONE)

DATE OF PERMIT ISSUANCE-- 06/25/79
ESTIMATED DATE OF START-UP-- 1981

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COAL CRUSHING PLANT	2000.00 T/H	PM	50.0000 T/YR		
COAL WASHING PLANT	2000.00 T/H COAL	PM	325.2000 T/YR ALLOWABLE		LAER
			136.5000 T/YR ACTUAL		
				BAGHOUSE	98.00
				ROTARY CAR DUMP	

NOTES --------
THIS IS A NON ATTAINMENT AREA - DETERMINATION STATES - "SINCE TVA IS WILLING TO ACCEPT AN ALLOWABLE ... OF LESS THAN 50 TPY .. . NO FURTHER ANALYSIS UNDER OFFSET POLICY IS REQUIRED."
ALSO COVERS PERMIT NUMBER C-81-073. THIS ADDITIONAL PERMIT IS LAER. ROTARY CAR DUMP 93% EFF.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983 02/13/1984

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 1600.00 MW

COMPANY NAME/SITE LOCATION: UTAH PWR & LT CO-HUNTER STATION, NEAR CASTLE DALE, UT, EMERY COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO.
DETERMINATION MADE BY: EPA REGION VIII (AGENCY) — JOHN DALE (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 06/02/80
ESTIMATED DATE OF START-UP-- 1983
(303)-837-3763 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ACTIVE STORAGE		PM	2.0000 LB/H	SPRAY & ENC.	BACT 90.00
		VE	20.0000 % OPACITY		
ASH SILO UNLD		VE	20.0000 % OPACITY	KEPT DAMP	BACT 100.00
ASH SILO VENT		PM	49.0000 LB/H	FF	BACT 99.80
		VE	20.0000 % OPACITY		
BOILER, #4	860.00 MW	NOX	0.5500 LB/MMBTU	BOILER DESIGN	BACT 65.00
		PM	0.0300 LB/MMBTU	FF	BACT 90.00
		SO2	0.1200 LB/MMBTU	SCRUBBER	BACT 90.00
		VE	20.0000 % OPACITY		
CONV	2.50 MMT/YR	PM	5.0000 LB/H	ENC.	BACT 90.00
		VE	20.0000 % OPACITY		
HAUL ROADS					

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW 04/01/1983, POST STARTUP 02/13/1984

(CONTINUED) UTAH PWR & LT CO-HUNTER STATION

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)		PM	2.7000 LB/H	ASPHALT + H20	BACT 90.00
INACT STORAGE		PM	40.0000 LB/H	SEAL. & COMP.	BACT 90.00
		VE	20.0000 % OPACITY		
LIME T/S		VE	20.0000 % OPACITY		BACT 99.80
SLUDGE MIX(ASH)		VE	20.0000 % OPACITY	FF	BACT 99.80
TRANS	2.50 MMT/YR	PM	1.0000 LB/H	SPRAYS & ENC.	BACT 98.50
		VE	20.0000 % OPACITY		
TRUCK UNLD	2.50 MMT/YR	PM	0.1000 LB/H	SPRAYS & ENC.	BACT 98.50
		VE	20.0000 % OPACITY		

NOTES --------
CEM QA REQUIRED BY 40CFR, PART 60, SUBPART DA. BOILER EMISSION COMPLIANCE FOR SOX, NOX, OPACITY WILL BE DETERMINED BY CEM REPO
RTS.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983 02/13/1984

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 140000.00 LB/H

COMPANY NAME/SITE LOCATION: U.S. NAVY - PUGET SOUND NAVAL SHIPYARD — BREMERTON, WA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. N/C 2545
DETERMINATION MADE BY: PUGET SOUND APCA (AGENCY) — HARRY WATTERS (AGENCY CONTACT PERSON) — (206)-344-7334 (PHONE)

DATE OF PERMIT ISSUANCE-- 09/25/84
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL/#2 OIL FIRED, RILE*	140000.00 LB/H STEAM	PM	0.0200 GR/SCF	3 BAGHOUSES	99.90
		SO2	0.2300 LB/MMBTU,NOTE#1	SPRAY DRYER/SO2 ABSORB.	

NOTES --------
AT LOADS OF 50000 LB/H & BELOW, SO2 EMISSIONS IN ANY 1 HR PERIOD SHALL BE REDUCED BY AT LEAST 50%, SO2 EMISSIONS NOT TO EXCEED 1237 TONS PER CALANDAR YEAR, CEM FOR SO2 & O2 TO DETERMINE COMPLIANCE.
NOTE #1 -- UNLESS 84% OF SULFUR IS RECOVERED

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 2258.00 MMBTU/H

COMPANY NAME/SITE LOCATION: VIRGINIA POWER, PORTSMOUTH POWER STATION — CHESAPEAKE, VA

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 60163
DETERMINATION MADE BY: VIRGINIA APCB (AGENCY) — JAMES LEHAN (AGENCY CONTACT PERSON) — (804)-786-4867 (PHONE)

DATE OF PERMIT ISSUANCE-- 07/27/84
ESTIMATED DATE OF START-UP-- 1985

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL-FIRED, 2 EA	1129.00 MMBTU/H				
		PM	0.0300 LB/MMBTU	ESP	99.30
		SO2	1.5200 LB/MMBTU	LOW S COAL, 1%	
		CO	0.0200 LB/MMBTU	COMBUSTION DESIGN PARAMETERS	
		VOC	0.0040 LB/MMBTU	COMBUSTION DESIGN PARAMETERS	
		NOX	0.6000 LB/MMBTU	COMBUSTION DESIGN PARAMETERS	

NOTES --------
ALL EMISSION LIMITS ARE PER BOILER.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 2080.00 MW

COMPANY NAME/SITE LOCATION: WASHINGTON WATER POWER CO. , WA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. (REGION FILE NO.) PSD-X-83-01
DETERMINATION MADE BY: EPA REGION X (AGENCY) — PAUL BOYS (AGENCY CONTACT PERSON) — (206)-442-1567 (PHONE)

DATE OF PERMIT ISSUANCE-- 11/17/82
ESTIMATED DATE OF START-UP-- 1984

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
CGS BOILER		SO2	0.2200	LB/MMBTU 30D R AV	
			1140.0000	LB/H 24H D AV	
		NOX	0.5000	LB/MMBTU SB. COAL	
			0.6000	LB/MMBTU BIT. COAL	
				LIMITS ARE 30 DAY ROLLIN AVG	
		PM	0.0300	LB/MMBTU	
		VE	20.0000	% OPACITY	
		CO	332.0000	LB/H	
		VOC	3.3200	LB/H	
		PB	0.2700	LB/H ANNUAL AV	
		BE	0.0200	LB/H ANNUAL AV	
		HG	0.0300	LB/H ANNUAL AV	
		F	1.1500	LB/H ANNUAL AV	
		SUL*	80.9000	LB/H ANNUAL AV	
ROTARY CAR DUMPER (COAL)		PM	0.0100	GR/DSCF BAGHOUSE	90.00
		VE	5.0000	% OPACITY	
ROTARY CAR DUMPER (LIMESTONE)		PM	0.0100	GR/DSCF BAGHOUSE	90.00
		VE	5.0000	% OPACITY	
CONVEYORS		PM	0.0100	GR/DSCF BAGHOUSE	99.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW 04/01/1983 POST STARTUP

(CONTINUED) WASHINGTON WATER POWER CO.

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)		VE	5.0000 % OPACITY		
COAL CONVEYOR DISCHARGE		PM		TELESCOPIC CHUTES/LOWERING WELL	75.00
		VE	20.0000 % OPACITY		
COAL CONVEYOR TRIPPERS		PM	0.0100 GR/DSCF	BAGHOUSE	99.00
		VE	5.0000 % OPACITY		
TRANSFER HOUSES		PM	0.0100 GR/DSCF	BAGHOUSE	99.00
		VE	5.0000 % OPACITY		
COAL SUPPLY SYSTEM		PM	0.0100 GR/DSCF	BAGHOUSE	99.00
		VE	5.0000 % OPACITY		
COAL SILOS		PM	0.0100 GR/DSCF	BAGHOUSE	99.00
		VE	5.0000 % OPACITY		
LIMESTONE SILOS		PM	0.0100 GR/DSCF	BAGHOUSE	99.00
		VE	5.0000 % OPACITY		
BOTTOM ASH DISPOSAL		PM		FIXATED W/SCRUBBER SLUDGE	100.00
ROAD DUST		PM		CHEM. STABILIZ.,DESIGN & OPER. PRACT.	85.00
FLY ASH HANDLING & SILOS		PM	0.0100 GR/DSCF	BAGHOUSE	99.00
		VE	5.0000 % OPACITY		
WASTE TREATMENT BLDG.		PM	0.0100 GR/DSCF	BAGHOUSE	99.00
		VE	5.0000 % OPACITY		

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/01/1983

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
DEAD STORAGE					
		PM	20.0000 GR/DSCF	SURFACE STABILIZATION	
		VE	95.0000 % OPACITY		

NOTES --------
THE PROPOSED CONTROL SYSTEM CONSISTS OF A LIMESTONE FGD SYSTEM FOR SO2 REMOVAL PRECEEDED BY A BAGHOUSE (OR POSSIBLY AN ESP) FO R PARTICULATE REMOVAL. THE APPLICABLE TRACE MATERIALS WILL ALSO BE REMOVED TO SOME EXTENT
BY THE PARTICULATE AND SO2 CONTROL SYSTEMS. NOX,CO,VOC ARE MINIMIZED BY COMBUSTION CONTROL (IE. EXCESS AIR CONTROL, ETC.). AMO UNTS CITED ARE EMISSIONS PER UNIT.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 640.00 MW (NET)

COMPANY NAME/SITE LOCATION: WEST TEXAS UTILITIES CO. — OKLAUNION, TX — WILBERGER COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 9015
DETERMINATION MADE BY: TEXAS ACB (AGENCY) — JAMES CROCKER (AGENCY CONTACT PERSON) — (512)-451-5711 (PHONE)

DATE OF PERMIT ISSUANCE-- 05/20/82
ESTIMATED DATE OF START-UP-- 1982

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
STEAM GENERATOR	6.80 MMBTU/H				
		PM	0.0300 LB/MMBTU		NSPS
				ESP	99.70
		SO2	0.5000 LB/MMBTU		NSPS
				WET LIMESTONE SCRUBBER	70.00
		NOX	0.5000 LB/MMBTU		
				LOW NOX BURNERS	
COAL & LIMESTONE STORAGE/HANDLI*					
		PM	60.0000 LB/H		
				DUST CONTROL SYSTEM	

NOTES --------
THIS IS A COAL FIRED BOILER BURNING LOW SULFUR COAL (.64% S WORST CASE).

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL 1160.00 MW

COMPANY NAME/SITE LOCATION: WISCONSIN ELEC. POWER CO., PLEASANT PRA* , WI KENOSHA COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. EPA-5-76-A-1
DETERMINATION MADE BY: EPA REGION V (AGENCY); BONIFACE THAYIL (AGENCY CONTACT PERSON); (312)-886-6054 (PHONE)

DATE OF PERMIT ISSUANCE-- 08/09/76
ESTIMATED DATE OF START-UP-- 1980

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL FIRED, 2 EA	580.00 MW				
		PM	0.1000 LB/MMBTU		NSPS
				ESP	99.00
		SO2	1.2000 LB/MMBTU COAL		NSPS
			0.8000 LB/MMBTU OIL		
				LOW S FUEL -- <0.7% COAL, <0.5% OIL	

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 400.00 MW

COMPANY NAME/SITE LOCATION: WISCONSIN POWER & LIGHT CO., EDGEWATER * — SHEBOYGAN, WI

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. EPA-5-77-A-3
DETERMINATION MADE BY: EPA REGION V (AGENCY); BONIFACE THAYIL (AGENCY CONTACT PERSON); (312)-886-6054 (PHONE)

DATE OF PERMIT ISSUANCE-- 04/26/77
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL FIRED	400.00 MW				
		PM	0.1000 LB/MMBTU		NSPS
		SO2	1.2000 LB/MMBTU		NSPS

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL 321.00 MW

COMPANY NAME/SITE LOCATION: WISCONSIN PUBLIC SERVICE CORP., WESTON * , WI MARATHON COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. EPA-5-77-A-4
DETERMINATION MADE BY: EPA REGION V (AGENCY); BONIFACE THAYIL (AGENCY CONTACT PERSON); (312)-886-6054 (PHONE)
DATE OF PERMIT ISSUANCE-- 05/11/77
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL FIRED	321.00 MW	PM	0.1000 LB/MMBTU		NSPS
		SO2	1.2000 LB/MMBTU		NSPS

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/01/1983

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 120.00 MMBTU/H

COMPANY NAME/SITE LOCATION: 3M CO. — DECATUR, AL

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 712-0009-X019
DETERMINATION MADE BY: ALABAMA DEM (AGENCY); SUE ROBERTSON (AGENCY CONTACT PERSON); (205)-271-7861 (PHONE)

DATE OF PERMIT ISSUANCE-- 11/29/84
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL-FIRED	120.00 MMBTU/H				
		PM	0.1000 LB/MMBTU		BACT
				BAGHOUSE	98.70
		SO2	1.5000 LB/MMBTU		BACT
				LOW S COAL	
		NOX	0.7000 LB/MMBTU		BACT
				BOILER DESIGN & OPERATING PRACTICES	
		CO	0.2000 LB/MMBTU		SIP
				BOILER DESIGN & OPERATING PRACTICES	

NOTES --------
DETERMINATION ALSO MADE BY TRI-COUNTY DISTRICT HEALTH SERVICE.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - OIL

COMPANY NAME/SITE LOCATION: ANGUS PETROTECH , CA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 4132002-004
DETERMINATION MADE BY: KERN COUNTY APCD (AGENCY) — TOM PAXSON (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 11/29/83
ESTIMATED DATE OF START-UP--
(805)-861-3682 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, OIL FIRED	62.50 MMBTU/H				
		SO2	61.4000 LB/D	SODIUM BASED SCRUBBERS	
		NOX	199.0000 LB/D	LOW NOX BURNERS	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - OIL — 144.00 MMBTU/H

COMPANY NAME/SITE LOCATION: DELCO MORAINE DIV., GMC — DAYTON, OH

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 08-654
DETERMINATION MADE BY: DAYTON RAPCA (AGENCY) — AMY WRIGHT (AGENCY CONTACT PERSON) — (513)-225-4435 (PHONE)

DATE OF PERMIT ISSUANCE-- 07/01/85
ESTIMATED DATE OF START-UP-- 1985

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, OIL FIRED	144.00 MMBTU/H	PM	0.0800 LB/MMBTU	BACT
		SO2	1.3000 LB/MMBTU	SIP
		VE	5.0000 % OPACITY	BACT

NOTES --------
AMBIENT MODELING INDICATED A NEED TO LIMIT FUEL OIL DAILY INPUT TO MINIMIZE IMPACT. A LIMIT OF 650. GAL/D WAS IMPOSED.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - OIL — 81.90 MMBTU/H

COMPANY NAME/SITE LOCATION: HOOKER CHEMICAL & PLASTICS CORP., P.O. BOX D — PERRYVILLE, MD 21903 — CECIL COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 78MD07
DETERMINATION MADE BY: EPA REGION III (AGENCY) — BOB BLASZCZAK (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 07/03/79
ESTIMATED DATE OF START-UP-- 1980
(215)-597-8186 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
OIL FIRED BOILER	81.90 MMBTU/H	SO2	355.1000 LB/H	S IN FUEL LIM. TO 1.3% BY WT	BACT

NOTES --------
355.1 LB/H, 3 BOILERS (2 EXISTING & 1 NEW) WITH COMMON STACK
NEVER BUILT - COMPANY OUT OF BUSINESS

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW 04/01/1983 POST STARTUP

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - OIL — 62.50 MMBTU/H

COMPANY NAME/SITE LOCATION: HOPCO , CA

DETERMINATION IS LAER FOR A NEW SOURCE.
PERMIT NO. 4099002-4099013
DETERMINATION MADE BY: KERN COUNTY APCD (AGENCY) — TOM PAXSON (AGENCY CONTACT PERSON) — (805)-861-3682 (PHONE)

DATE OF PERMIT ISSUANCE-- 12/04/84
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
STEAM GENERATOR, CRUDE OIL PROD*	62.50 MMBTU/H				
		PM	1.7000 LB/H		LAER
				WET SCRUBBER	70.00
		SOX	2.1000 LB/H		LAER
		NOX	7.4000 LB/H		LAER
				THERMAL DE NOX	70.00
		NMHC	0.0000 LB/H		LAER
				VAPOR COLLECTION & INCINERATION	99.60

NOTES --------
PROCESS OPERATION AT 80% OF DESIGN CAPACITY 24 H/D, 7 D/WK, 52 WK/YR.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - OIL — 185.00 MMBTU/H EA

COMPANY NAME/SITE LOCATION: HOUSTON LIGHTING & POWER , TX 77001
MATAGORDA COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. (REGION FILE NO.) PSD-TX-209
DETERMINATION MADE BY: EPA REGION VI (AGENCY) — JOHN BUNYAK (AGENCY CONTACT PERSON) — (214)-767-1594 (PHONE)

DATE OF PERMIT ISSUANCE-- 01/16/80
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, 2 EA	185.00 MMBTU/H				
		SO2	0.5000 LB/MMBTU		BACT
			92.1000 LB/H		
				LOW SULFUR #2 FUEL OIL	
		PM	0.1000 LB/MMBTU		BACT
			18.3500 LB/H		
				FGD	
				O2 CONTROL	
		NOX	0.3000 LB/MMBTU		BACT
			55.0000 LB/H		
				LOW NOX BURNER	
				LEA FIRING	

NOTES --------
NO. 2 FUEL OIL -- < 0.5% SULFUR BY WT. CONTINUOUS OPERATION -- 8760 HR/YR

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - OIL

COMPANY NAME/SITE LOCATION: NORTHERN INDIANA PUBLIC SERVICE CO., SC* , IN
JASPER COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. EPA-5-79-A-25
DETERMINATION MADE BY: EPA REGION V (AGENCY); BONIFACE THAYIL (AGENCY CONTACT PERSON); (312)-886-6054 (PHONE)

DATE OF PERMIT ISSUANCE-- 08/16/79
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
GENERATOR, OIL FIRED, 2					
		SO2		LIMITED TO 0.8% S FUEL OIL	
		NOX	75.0000 PPM		

NOTES --------
EACH TURBINE RESTRICTED TO 2000 H/YR

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - NATURAL GAS — 18.00 MW

COMPANY NAME/SITE LOCATION: APPLIED POWER TECHNOLOGY — OROVILLE, CA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. SAC 83-02
DETERMINATION MADE BY: EPA REGION IX (AGENCY) — JOE SLAMOVICH (AGENCY CONTACT PERSON) — (415)-974-8235 (PHONE)
DATE OF PERMIT ISSUANCE-- 11/29/83
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, 2	307.10 MMBTU/H	PM	11.9000 LB/H	ESP & MULTICLONES	96.70
		NOX	35.4000 LB/H	COMBUSTION CONTROLS	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - NATURAL GAS — 175.00 MLB/H

COMPANY NAME/SITE LOCATION: CONSUMERS POWER CO. — MIDLAND, MI

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 99-81
DETERMINATION MADE BY: MICHIGAN DNR (AGENCY) — DAVID FERRIER (AGENCY CONTACT PERSON) — (517)-322-1333 (PHONE)

DATE OF PERMIT ISSUANCE-- 06/01/81
ESTIMATED DATE OF START-UP-- 1982

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILERS, NAT. GAS, 3 EA	175.00 MLB/H	NOX	0.2000 LB/MMBTU	BURNER DESIGN & EX. AIR CONTRL	

NOTES --------
3 NATURAL GAS-FIRED BOILERS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983 03/13/1984

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - NATURAL GAS

COMPANY NAME/SITE LOCATION: MOBAY CHEMICAL CORP. — KANSAS CITY, MO

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 485
DETERMINATION MADE BY: KANSAS CITY AQS (AGENCY) — LARRY COLE (AGENCY CONTACT PERSON) — (816)-274-2501 (PHONE)

DATE OF PERMIT ISSUANCE-- 08/16/83
ESTIMATED DATE OF START-UP-- 1984

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, 2 TOTAL	198.60 MMBTU/H				
		NOX	0.2000 LB/MMBTU		NSPS
		SO2	MINIMIZE		
		VOC	MINIMIZE		
		PM	MINIMIZE		
		CO	MINIMIZE		

NOTES --------
SOURCE TEST FOR NOX BY MAY 1984. ALLOWABLE FUELS ARE NATURAL GAS / #2 FUEL OIL.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/13/1984

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - NATURAL GAS — 2000.00 HP

COMPANY NAME/SITE LOCATION: SOUTHERN NAT. GAS — ENTERPRISE, MS — CLARKE COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. (REGION FILE NO.) PSD-MS-036
DETERMINATION MADE BY: MISSISSIPPI DNR (AGENCY) — DWIGHT WILEY (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 08/21/81
ESTIMATED DATE OF START-UP--
(601)-354-2550 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, NAT. GAS	14000.00 CF/H N. G.	NOX	37.4000 LB/H 163.9000 T/YR	BOILER DESIGN & OPERATION	NSPS
		CO	10.5000 LB/H 46.2000 T/YR	BOILER OPERATION & DESIGN	NSPS

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - WOOD WASTE — 155.62 MMBTU/H

COMPANY NAME/SITE LOCATION: AFTON GENERATING CO. — AFTON, WY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. CT-433
DETERMINATION MADE BY: WYOMING AQD (AGENCY); LEE GRIBOVICZ (AGENCY CONTACT PERSON); (307)-332-3144 (PHONE)

DATE OF PERMIT ISSUANCE-- 02/15/83
ESTIMATED DATE OF START-UP-- 1984

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, WOOD & BARK WASTE	155.62 MMBTU/H				
		PM	0.0500 GR/DSCF AT 12% CO2		BACT
			0.1000 LB/MMBTU	MULTICLONE & LOW ENERGY WET SCRUBBER	80.00
		CO	0.4400 LB/MMBTU	COMBUSTION CONTROL	BACT
		VOC	0.0900 LB/MMBTU		BACT
		NOX	0.2400 LB/MMBTU	COMBUSTION CONTROL	BACT

NOTES --------
AS PERMIT CONDITION, AN ADJACENT LUMBER MILL WILL DISCONTINUE USE OF 2 WOOD WASTE BURNERS, A WOOD CHIP FIRED BOILER, AND AN OIL FIRED BOILER.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - WOOD WASTE — 140000.00 LB/H STEAM

COMPANY NAME/SITE LOCATION: COLLINS PINE CO. — CHESTER, CA — PLUMAS COUNTY

DETERMINATION IS BACT
PERMIT NO. SAC 84-02
DETERMINATION MADE BY: EPA REGION IX (AGENCY) — DAVID SOLOMON (AGENCY CONTACT PERSON) — (415)-974-8240 (PHONE)

DATE OF PERMIT ISSUANCE-- 08/03/84
ESTIMATED DATE OF START-UP-- 1985

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, #4	140000.00 LB/H STEAM				
		PM	9.7000 LB/H	MULTICLONE & ESP	
		VE	10.0000 % OPACITY		
		NOX	0.2000 LB/MMBTU		
			48.5000 LB/H	BOILER DESIGN	
		CO	0.3500 LB/MMBTU		
			84.8000 LB/H	BOILER DESIGN	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - WOOD WASTE — 6.00 MW

COMPANY NAME/SITE LOCATION: CO-GEN., INC. — COEUR D'ALENE, ID

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. (REGION FILE NO.) PSD-X81-16
DETERMINATION MADE BY: EPA REGION X (AGENCY); PAUL BOYS (AGENCY CONTACT PERSON); (206)-442-1193 (PHONE)

DATE OF PERMIT ISSUANCE-- 03/15/83
ESTIMATED DATE OF START-UP-- 1983

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER	6.00 MW				
		PM	0.0340 LB/MMBTU		
			16.6000 T/YR		
				ESP	99.00
		NOX	0.1700 LB/MMBTU		BACT
			88.2000 T/YR		
		CO	0.2200 LB/MMBTU		BACT
			117.6000 T/YR		
		VOC	0.0800 LB/MMBTU		BACT
			117.6000 T/YR		

NOTES --------
GENERAL DESIGN CONTRIBUTES TO REDUCTION OF OIL POLLUTANTS AND INCLUDES 1) INCREASED BOILER HEIGHT FOR BETTER EFFICIENCY, 2) OV
ERFIRE AND UNDERFIRE AIR, 3) FEEDWATER HEATERS TO INCREASE EFFICIENCY.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - WOOD WASTE

COMPANY NAME/SITE LOCATION: CO-GEN., INC. — COEUR D'ALENE, ID

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO.
DETERMINATION MADE BY: IDAHO AQB (AGENCY) — CLINT AYER (AGENCY CONTACT PERSON) — (208)-334-5360 (PHONE)

DATE OF PERMIT ISSUANCE-- 03/15/83
ESTIMATED DATE OF START-UP-- 1983

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, WOOD FIRED	104.00 MMBTU/H	PM	3.9500 LB/H	MULTICLONE & BAGHOUSE	98.40
		CO	5.9000 LB/H		
		NOX	19.0000 LB/H		

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - WOOD WASTE

COMPANY NAME/SITE LOCATION: HAYFORK COGENERATION PROJECT , CA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. TAC-012
DETERMINATION MADE BY: NORTH COAST UNITED AQMD (AGENCY) CHUCK SASSENRATH (AGENCY CONTACT PERSON) (707)-443-3093 (PHONE)

DATE OF PERMIT ISSUANCE-- 12/14/83
ESTIMATED DATE OF START-UP-- 1985

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, WOOD WASTE	236.00 MMBTU/H	PM	0.0400 LB/MMBTU	MULTICLONE/ESP	99.30
		NOX	0.1500 LB/MMBTU	DESIGN	
		CO	0.3500 LB/MMBTU	COMBUSTION MODIFICATION	
		VOC	0.0700 LB/MMBTU	DESIGN	

NOTES --------
STATE FILE # A320-024

REVIEW STATUS: INITIAL REVIEW POST STARTUP

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - WOOD WASTE — 50.00 MW

COMPANY NAME/SITE LOCATION: MCNEIL GENERATING STATION, BURLINGTON ELECTRIC LIGHT DEP* — BURLINGTON, VT

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO.
DETERMINATION MADE BY: VERMONT AEC (AGENCY); HAROLD GARABEDIAN (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 05/01/80
ESTIMATED DATE OF START-UP-- 1984
(802)-828-3395 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
WOOD FIRED FURNACE	670.00 MMBTU/H	PM	0.0070 LB/MMBTU 0.0070 GR/DSCF AT 12% CO2 MEC. DUST COLLECTOR & ESP 80%-MEC COLLECT. & 99.5%-ESP	99.90

NOTES --------
418000 ACFM AT 310F-CYCLONES-LARGE DIA. CERAMIC-24 TUBE, 58 IN. DIAMETER, 12.3 FT LONG, DELTA P=3.4 IN. H2O, INLET VEL. 63.1FT /SEC-ESP-WEIGHTED WIRE TYPE ,TOTAL PLATE AREA 280000 SQ. FT.,SCA=672 SQ. FT./1000 ACFM, LINEAR VEL. 3 FT/SEC - 9 FIELDS, 119 GAS PASSAGES, 9 IN. PASSAGE SPACING, 45 FT GAS TRAVEL DISTANCE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE CODE 1.4

SOURCE TYPE/SIZE EXTERNAL COMBUSTION - WOOD WASTE 35.00 MMBTU/H

COMPANY NAME/SITE LOCATION TEXAS ELECTRIC COOP.,INC. , TX
JASPER COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 9369
DETERMINATION MADE BY TEXAS ACB (AGENCY) JIM CROCKER (AGENCY CONTACT PERSON) (512)-451-5711 (PHONE)

DATE OF PERMIT ISSUANCE-- 02/07/84
ESTIMATED DATE OF START-UP-- 1984

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER	35.00 MMBTU/H				
		PM	0.3000 LB/MMBTU		BACT
				CYCLONES	92.50
		VOC	0.2000 LB/MMBTU		BACT
		NOX	0.0800 LB/MMBTU		BACT
		SO2	0.2000 LB/MMBTU		BACT
		CO	1.1000 LB/MMBTU		BACT

NOTES --------
PM CONTROL IS TWO CYCLONES IN SERIES. COLLECTION EFFICIENCIES ARE 85% FOR THE PRIMARY AND 50% FOR THE SECONDARY. MORE EFFICIENT PM CONTROL WAS NOT REQUIRED DUE TO ECONOMIC ANALYSIS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - WOOD WASTE

COMPANY NAME/SITE LOCATION: ULTRASYSTEMS — BLUE LAKE, CA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. HAC-129
DETERMINATION MADE BY: NORTH COAST UNITED AQMD (AGENCY) — CHUCK SASSENRATH (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 01/12/84
ESTIMATED DATE OF START-UP-- 1980
(707)-443-3093 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, WOOD WASTE	162.00 MMBTU/H	PM	0.0450 LB/MMBTU	MULTICLONE/GRANULAR BED ELECTO-SCRUBBER	99.20

NOTES --------
STATE FILE A320-029

REVIEW STATUS: INITIAL REVIEW POST STARTUP

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - WOOD WASTE — 35.00 MMBTU/H

COMPANY NAME/SITE LOCATION: TEXAS ELECTRIC COOP.,INC. , TX — JASPER COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 9369
DETERMINATION MADE BY: TEXAS ACB (AGENCY) — JIM CROCKER (AGENCY CONTACT PERSON) — (512)-451-5711 (PHONE)

DATE OF PERMIT ISSUANCE-- 02/07/84
ESTIMATED DATE OF START-UP-- 1984

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER	35.00 MMBTU/H			
		PM	0.3000 LB/MMBTU	BACT
			CYCLONES	92.50
		VOC	0.2000 LB/MMBTU	BACT
		NOX	0.0800 LB/MMBTU	BACT
		SO2	0.2000 LB/MMBTU	BACT
		CO	1.1000 LB/MMBTU	BACT

NOTES --------
PM CONTROL IS TWO CYCLONES IN SERIES. COLLECTION EFFICIENCIES ARE 85% FOR THE PRIMARY AND 50% FOR THE SECONDARY. MORE EFFICIENT PM CONTROL WAS NOT REQUIRED DUE TO ECONOMIC ANALYSIS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - WOOD WASTE

COMPANY NAME/SITE LOCATION: ULTRASYSTEMS — BLUE LAKE, CA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. HAC-129
DETERMINATION MADE BY: NORTH COAST UNITED AQMD (AGENCY); CHUCK SASSENRATH (AGENCY CONTACT PERSON); (707)-443-3093 (PHONE)

DATE OF PERMIT ISSUANCE-- 01/12/84
ESTIMATED DATE OF START-UP-- 1980

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, WOOD WASTE	162.00 MMBTU/H	PM	0.0450 LB/MMBTU	MULTICLONE/GRANULAR BED ELECTO-SCRUBBER	99.20

NOTES --------
STATE FILE A320-029

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - MULTIPLE FUELS — 65.00 MW

COMPANY NAME/SITE LOCATION: AMES MUNICIPAL POWER PLANT — AMES, IA — STORY COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO.
DETERMINATION MADE BY: EPA REGION VII (AGENCY) — DANIEL RODRIGUEZ (AGENCY CONTACT PERSON) — (816)-374-6525 (PHONE)

DATE OF PERMIT ISSUANCE-- 11/05/79
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, UNIT #3, STEAM GEN.	769.00 MMBTU/H				
		PM	0.1000 LB/MMBTU		BACT
				HOT SIDE ESP'S	99.60
		SO2	1.2000 LB/MMBTU		BACT
				LOW S COAL	
		NOX	0.7000 LB/MMBTU		BACT
				BOILER DESIGN	

NOTES --------
UPON STARTUP OF UNIT 8, SO2 EMISSIONS FROM EXISTING UNITS 5,6, AND 7 WILL BE REDUCED FROM PRE-MODIFICATION EMISSION LEVELS BEC AUSE OF A PROJECTED VIOLATION OF THE 24HR SO2/NAAQS. SEE IOWA CONSENT ORDER 79-A-007. THE STACKS ON TWO EXISTING UNITS AND ON PROPOSED UNIT 8 ARE LESS THAN GEP STACK HEIGHT. UNIT #8 WILL BE CAPABLE OF BURNING UP TO 30% REFUSE-DERIVED FUEL. TWO E SP'S WILL BE INSTALLED, STACKED ONE ON TOP OF THE OTHER BECAUSE OF SPACE LIMITATION.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - MULTIPLE FUELS — 90.00 MW

COMPANY NAME/SITE LOCATION: CITY OF COLUMBUS — COLUMBUS, OH — FRANKLIN COUNTY

DETERMINATION IS B/L FOR A NEW SOURCE.
PERMIT NO. EPA-5-A-80-3
DETERMINATION MADE BY: EPA REGION V (AGENCY) — BONIFACE THAYIL (AGENCY CONTACT PERSON) — (312)-886-6054 (PHONE)

DATE OF PERMIT ISSUANCE-- 10/16/79
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS ... & BASIS CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF
BOILER, REFUSE/COAL FIRED, 6 EA	240.00 MMBTU/H		
		PM	0.1000 LB/MMBTU
		SO2	0.9300 LB/MMBTU 6 BOILERS OPER.
			1.4400 LB/MMBTU,<4 BOILERS OPER.
		NOX	0.5000 LB/MMBTU
			0.7000 LB/MMBTU COAL ONLY

NOTES --------
REFUSE MUST COMPRISE AT LEAST 50% OF THE TOTAL HEAT INPUT.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - MULTIPLE FUELS — 3600.00 MMBTU/H

COMPANY NAME/SITE LOCATION: FLORIDA POWER & LIGHT, BARWICK ROAD — SANFORD, FL 32771 — VOLUSIA COUNTY

DETERMINATION IS FOR A MODIFIED SOURCE.
PERMIT NO. FL-047
DETERMINATION MADE BY: FLORIDA DER (AGENCY) — ED PALAGYI (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 02/20/80
ESTIMATED DATE OF START-UP-- 1979
(904)-468-1344 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COAL PULVERIZERS	96000.00 LB/H	PM	7.7000 LB/H 11.0900 T/YR	BAGHOUSE	NSPS 99.96

NOTES --------
TEST FACILITY - 50/50 COAL/OIL FIRED UNIT.
TESTING COMPLETED, SOURCE NO LONGER EXISTS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW 04/01/1983 POST STARTUP 01/25/1984

SOURCE TYPE CODE 1.5

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - MULTIPLE FUELS — 4457.00 MMBTU/H

COMPANY NAME/SITE LOCATION: GULF STATES UTILITY — WEST LAKE, LA — CALCASIEU PARISH

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. (REGION FILE NO.) FSD-LA-305
DETERMINATION MADE BY: EPA REGION VI (AGENCY) — JOHN BUNYAK (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 07/24/81
ESTIMATED DATE OF START-UP--
(214)-767-1594 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE	1390.00 MMBTU/H				
		NOX	0.2700 LB/MMBTU OIL		NSPS
			0.2700 LB/MMBTU GAS		
				STEAM INJECTION	60.00
		CO	0.1300 LB/MMBTU OIL		BACT
			0.0900 LB/MMBTU GAS		
				EFFICIENT COMBUSTION	
		SO2	0.6800 LB/MMBTU OIL		BACT
			0.0010 LB/MMBTU GAS		
				LOW SULFUR FUEL (.7%)	
		PM	0.2100 LB/MMBTU OIL		BACT
			0.0010 LB/MMBTU GAS		
				EFFICIENT COMBUSTION (.5% ASH)	
COAL GASIFIER	75.34 T/H COAL				
		NOX	0.0300 LB/T		BACT
				EXISTING INTERNAL CONTROLS	
		CO	0.6900 LB/T		BACT
				EXISTING INTERNAL CONTROLS	
		SO2	0.1000 LB/T		BACT
				EXISTING INTERNAL CONTROLS	
		PM	0.0300 LB/T		BACT
				EXISTING INTERNAL CONTROLS	
BOILER	1706.00 MMBTU/H				
		NOX	0.1900 LB/MMBTU COAL GAS		BACT
			0.3000 LB/MMBTU OIL		
				LOW BTU COAL GAS AS FUEL	56.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

(CONTINUED) GULF STATES UTILITY

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)					
		CO	0.0080 LB/MMBTU COAL GAS 0.0300 LB/MMBTU OIL	LOW BTU COAL GAS AS FUEL	BACT
		SO2	0.6200 LB/MMBTU COAL GAS 0.6600 LB/MMBTU OIL	LOW BTU COAL GAS AS FUEL	BACT
		PM	0.0300 LB/MMBTU COAL GAS 0.0100 LB/MMBTU OIL	LOW BTU COAL GAS AS FUEL	BACT
COAL GASIFIER	53.65 T/H COAL				
		NOX	0.0100 LB/T	RECYCLE PROCESS GAS	BACT
		CO	0.0100 LB/T	EFFICIENT COMBUSTION	BACT
		SO2	0.1900 LB/T	TAIL GAS FLARE	BACT
		PM	0.0100 LB/T	NONE	BACT
TURBINE	1361.00 MMBTU/H				
		NOX	0.2500 LB/MMBTU	STEAM INJECTION	NSPS
		CO	0.0900 LB/MMBTU	EFFICIENT COMBUSTION	BACT
		SO2	0.2100 LB/MMBTU	LOW SULFUR FUEL (.7%)	BACT
		PM	0.0010 LB/MMBTU	COAL GAS LOW ASH FUEL, 0.5%	BACT
COAL DELIVERY					
		PM	0.0800 LB/H	WETTING	BACT
CRUSHING/SCREENING					
		PM	0.1400 LB/H	BAGHOUSE	BACT
PULVERIZING					
		PM	0.0800 LB/H	BAGHOUSE	BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - MULTIPLE FUELS — 442.00 MMBTU/H

COMPANY NAME/SITE LOCATION: HARNEY ELECT. — HINES, OR

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. (REGION FILE NO.) PSD-X81-12
DETERMINATION MADE BY: EPA REGION X (AGENCY); PAUL BOYS (AGENCY CONTACT PERSON); (206)-442-1193 (PHONE)

DATE OF PERMIT ISSUANCE-- 08/14/81
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILERS, 2	221.00 MMBTU/H EA	SO2	0.1800 LB/MMBTU	DRY SCRUBBING	BACT 85.00
		NOX	0.5000 LB/MMBTU	DRY COMBUSTION CONTROLS	BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/01/1983

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - MULTIPLE FUELS — 350.00 HP

COMPANY NAME/SITE LOCATION: INTERNATIONAL PAPER CO. , TX — DALLAS COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 14163
DETERMINATION MADE BY: TEXAS ACB (AGENCY) — RANDY HAMILTON (AGENCY CONTACT PERSON) — (512)-451-5711 (PHONE)

DATE OF PERMIT ISSUANCE-- 02/04/84
ESTIMATED DATE OF START-UP-- 1984

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, PACKAGE	14.60 MMBTU/H				
		PM	0.0100 LB/MMBTU		BACT
		VOC	0.0020 LB/MMBTU		BACT
		NOX	0.1000 LB/MMBTU	AUTOMATIC O2 CONTROL	BACT
		SO2	0.2200 LB/MMBTU	0.3% S IN OIL	BACT
		CO	0.0300 LB/MMBTU		BACT

NOTES --------
EMISSION LIMITS ARE BASED ON OIL FIRING WHICH WAY BE USED AS BACK-UP. NATURAL GAS WILL BE PRIMARY FUEL. GAS FIRING EMISSIONS A RE - NEGLIGIBLE FOR PM, SO2, VOC, AND CO, BUT 0.09 LB/MMBTU FOR NOX.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - MULTIPLE FUELS — 112.50 MMBTU/H

COMPANY NAME/SITE LOCATION: MULTITRADE GROUP, INC. — MARTINSVILLE, VA

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 30529
DETERMINATION MADE BY: VIRGINIA APCB (AGENCY) — TOM CREASY (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 09/26/84
ESTIMATED DATE OF START-UP-- 1985
(804)-786-1433 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL/WOOD FIRED, 2	112.50 MMBTU/H	PM	0.2000 LB/MMBTU	SEE NOTE	90.00
		SO2	1.3800 LB/MMBTU	LOW S COAL, 0.9%	
		VOC	0.1400 LB/MMBTU	ENGINEERING DESIGN	
		NO2	0.5400 LB/MMBTU	ENGINEERING DESIGN	
		CO	0.4000 LB/MMBTU	ENGINEERING DESIGN	

NOTES --------
TWO MULTICYCLONES IN SERIES ON EACH BOILER WITH EACH SET OF MULTICYCLONES , 90% EFFICIENT, HAVING A 20% STREAM SEPARATOR, SHAV E OFF, TO A BAGHOUSE. ALL EMISSION LIMITS ARE PER BOILER.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - MULTIPLE FUELS — 700.00 MW

COMPANY NAME/SITE LOCATION: POWER AUTHORITY STATE OF NEW YORK — STATEN, NY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO.
DETERMINATION MADE BY: EPA REGION II (AGENCY) — DENNIS SANTELLA (AGENCY CONTACT PERSON) — (212)-264-9628 (PHONE)

DATE OF PERMIT ISSUANCE-- 02/22/82
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER	6700.00 MMBTU/H				
		PM	0.0210	LB/MMBTU COAL	BACT
			0.0300	LB/MMBTU COAL/ROF	
		PM	0.0120	LB/MMBTU OIL	BACT
		VE	20.0000	% OPACITY	
		SO2	0.4000	LB/MMBTU	BACT
				FGD	92.00
		NOX	0.6000	LB/MMBTU COAL	BACT
			0.3000	LB/MMBTU OIL	
				GOOD COMBUSTION	
		CO	0.0[illegible]	LB/MMBTU	BACT
				GOOD COMBUSTION	
AUX. BOILER	220.00 MMBTU/H				
		PM	0.0840	LB/MMBTU	
				GOOD COMBUSTION	
		SO2	0.3000	% S FUEL	SIP
		NOX	0.3000	LB/MMBTU	
COAL HANDLING		COA*			BACT
				USE OF PRE-WASHED COAL	
COAL CRUSHED		PM	0.0300	GR/DSCF	BACT
		VE	20.0000	% OPACITY	
COOLING TOWER		PM	0.0020	% OF H2O FLOW	
				DRIFT ELIMINATOR	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/01/1983

(CONTINUED) POWER AUTHORITY STATE OF NEW YORK

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)					

NOTES --------
CONTACT REGION 2 FOR DESIGN SPECIFICS FOR CONTROL DEVICES.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE CODE 1.5

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - MULTIPLE FUELS

COMPANY NAME/SITE LOCATION: STONE CONTAINER CORP. HODGE, LA JACKSON PARISH

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. PSD-LA-505
DETERMINATION MADE BY: LAQD/EPA REGION VI (AGENCY); BHARAT CONTRACTOR (AGENCY CONTACT PERSON); (504)-342-8940 (PHONE)

DATE OF PERMIT ISSUANCE-- 06/02/83
ESTIMATED DATE OF START-UP-- 1984

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL FIRED	1023.00 MMBTU/H	SO2	1227.6000 LB/H		B/N
			1.2000 LB/MMBTU	SINGLE-ALKALI FGD	95.00
		PM	102.3000 LB/H		NSPS
			0.1000 LB/MMBTU	ESP	99.00
		NOX	716.1000 LB/H		B/N
			0.7000 LB/MMBTU	BOILER DESIGN	
		CO	47.6000 LB/H		BACT
			0.0465 LB/MMBTU	BOILER DESIGN	
		VOC	14.3000 LB/H		BACT
				BOILER DESIGN	
		BE	0.0006 LB/H		BACT
				BOILER DESIGN	
		F	0.8200 LB/H		BACT
BOILER, COMBINATION, BARK/COAL *	680.40 MMBTU/H	SO2	816.5000 LB/H		B/N
			1.2000 LB/MMBTU	LOW S FUEL/STACK MONITOR	
		PM	68.0000 LB/H		NSPS
			0.1000 LB/MMBTU	ESP	99.00

REVIEW STATUS: INITIAL REVIEW POST STARTUP

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

(CONTINUED) STONE CONTAINER CORP.

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)		NOX	476.3000 LB/H 0.7000 LB/MMBTU	OVERFIRE AIR COMPARTMENT	B/W
		CO	420.4000 LB/H 0.6180 LB/MMBTU	OVERFIRE AIR COMPARTMENT	BACT
		VOC	105.9000 LB/H	OVERFIRE AIR COMPARTMENT	BACT
		BE	0.0003 LB/H	OVERFIRE AIR COMPARTMENT	BACT
		F	3.7500 LB/H		BACT

NOTES --------
BASIS OF F LIMIT ON BOILER IS 100.0 PPM F IN COAL.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - OTHER — 5.02 MMBTU/H

COMPANY NAME/SITE LOCATION: AMERICAN PACKAGING CORP. GRANT & ASHTON RDS — PHILADELPHIA, PA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 82128
DETERMINATION MADE BY: PHILADELPHIA AMS (AGENCY) — THOMAS ELLIOTT, JR. (AGENCY CONTACT PERSON) — (215)-686-7893 (PHONE)

DATE OF PERMIT ISSUANCE-- 12/28/82
ESTIMATED DATE OF START-UP-- 1983

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER	5.02 MMBTU/H	PM	0.1000 LB/MMBTU	BAGHOUSE	BACT 90.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - OTHER — 161000.00 LB/H

COMPANY NAME/SITE LOCATION: CALIFORNIA POWER & LIGHT — FIREBAUGH, CA — FRESNO COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. SJ 83-08
DETERMINATION MADE BY: EPA REGION IX (AGENCY) — MATT HABER (AGENCY CONTACT PERSON) — (415)-974-8209 (PHONE)

DATE OF PERMIT ISSUANCE-- 01/01/84
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, 2 EA	80500.00 LB/H BIOMASS	SO2	37.0000 LB/H 40.0000 PPM AT 3% O2	DRY SCRUBBER LIMIT ON FUEL S CONTENT IS 0.21 %.	89.00
		NOX	140.0000 LB/H	CONTROL OF OVERFIRE & UNDER FIRE AIR	
		CO	309.0000 LB/H	PROPER COMBUSTION	
		PM	0.0100 GR/DSCF	BAGHOUSE	

NOTES --------
THE TOTAL PLANT HAS A NET ELECTRICAL GENERATING CAPACITY OF APPROX. 50 MW. ALL BACT IS DETERMINED BY TECH./ ECONOMICS. TSP LIM
IT IS DISTRICT LAER. CEM'S REQUIRED FOR NOX, SO2, OPACITY. FINAL NOX PPM LIMIT WILL BE SET
AFTER OPERATION COMMENCES.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/19/1984

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE/SIZE EXTERNAL COMBUSTION - OTHER

COMPANY NAME/SITE LOCATION CONTINENTAL CARBON CO. , TX MOORE COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. C-9011
DETERMINATION MADE BY TEXAS ACB (AGENCY) JAMES CROCKER (AGENCY CONTACT PERSON) (512)-451-5711 (PHONE)

DATE OF PERMIT ISSUANCE-- 11/04/82
ESTIMATED DATE OF START-UP-- 1981

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
WASTE GAS DRYER	13.60 MMBTU/H	PM	2.2000 LB/H	INCIN. OF CARBON BLACK IN C. BLACK REACTOR	
		NOX	5.8000 LB/H		
		SO2	69.1000 LB/H		

NOTES --------
100% EFF. IN REDUCING REDUCED SULFUR COMPOUNDS & HYDROCARBONS, A CORRESPONDING INCREASE IN SULFUR DIOXIDE EMISSIONS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 05/04/1984

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - OTHER — 1500.00 MW

COMPANY NAME/SITE LOCATION: HOUSTON LIGHTING & POWER — FARRAR, TX — LIMESTONE COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. (REGION FILE NO.) PSD-TX-371
DETERMINATION MADE BY: EPA REGION VI (AGENCY) — JOHN BUNYAK (AGENCY CONTACT PERSON) — (214)-767-1594 (PHONE)

DATE OF PERMIT ISSUANCE-- 09/10/81
ESTIMATED DATE OF START-UP-- 1985

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, LIGNITE-FIRED, 2 EA	7863.00 MMBTU/H				
		PM	0.0300 LB/MMBTU		NSPS
				ELECTROSTATIC PRECIPITATOR	99.95
		SO2		SEE NOTE	
				FLUE GAS DESULFURIZATION	82.00
		NOX	0.6000 LB/MMBTU		NSPS
				TANGENTIAL FIRING, LOW NOX BURNER	
		CO	0.1100 LB/MMBTU		BACT
				CONTROLLED COMB. & O2 MON.	
		VOC	0.0010 LB/MMBTU		BACT
				BOILER DESIGN	
		PB	0.0000 LB/MMBTU		BACT
				FLUE GAS DESULFURIZATION	98.00
		HG	0.0000 LB/MMBTU		BACT
				FLUE GAS DESULFURIZATION	13.00
		BE	0.0000 LB/MMBTU		BACT
				FLUE GAS DESULFURIZATION	99.40
		H2S*	0.0310 LB/MMBTU		BACT
				MIST ELIMINATOR	
LIMESTONE RAILCAR UNLOAD					
		PM	1.3300 LB/H		BACT
				WET SUPPRESSION	
LIMESTONE RECLAIM & TRANSFER					
		PM	0.0500 LB/H		BACT
				BAGHOUSE	99.80

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/01/1983

(CONTINUED) HOUSTON LIGHTING & POWER

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
LIMESTONE LOADOUT		PM	0.0200 LB/H	BAGHOUSE	BACT 99.80
LIMESTONE STORAGE PILE		PM	0.3700 LB/H	TELESCOPIC CHUTE	BACT
LIMESTONE RECLAIM TUNNEL		PM	0.0200 LB/H	BAGHOUSE	BACT 99.80
LIMESTONE FEED SILO, 3 EA		PM	0.0100 LB/H	BAGHOUSE	BACT 99.80
FLYASH SILO		PM	0.1200 LB/H	BAGHOUSE	BACT 99.80
FEED SILO, WASTE BLENDING		PM	0.1200 LB/H	BAGHOUSE	BACT 99.80
PUGMILL, WASTE BLENDING		PM	0.2100 LB/H	BAGHOUSE	BACT 99.80

NOTES --------
PM LIMIT TO BE COMPUTED BY APPLICANT USING GRAPH DERIVED FROM NSPS (CONSIDER CONTROL EFFICIENCY AND FUEL SULFUR CONTENT). SULF
URIC ACID MIST LIMIT APPLIES WHEN FIRING LIGNITE WITH UP TO 1.71 LB/MMBTU.
OTHERWISE, 0.075 LB/MMBTU WHEN FIRING LIGNITE WITH MORE THAN 1.71 LB/MMBTU.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE CODE 1.6

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - OTHER — 8.50 MW

COMPANY NAME/SITE LOCATION: IMOTEK, INC. — SACRAMENTO, CA — SACRAMENTO COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 6889
DETERMINATION MADE BY: SACRAMENTO APCD (AGENCY) — ROBERT KNIGHT (AGENCY CONTACT PERSON) — (916)-366-2107 (PHONE)

DATE OF PERMIT ISSUANCE-- 09/01/83
ESTIMATED DATE OF START-UP-- 1982

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER	162.20 MMBTU/H	NOX	130.0000	PPMV AT 3% O2 STAGED COMBUSTION,CEM-NOX,O2,CO	
BOILER	162.20 MMBTU/H	PM	0.0000	GR/DSCF BAGHOUSE	98.00

NOTES --------
ALSO PERMIT NUMBER 7369.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - OTHER — 2010.00 T/D

COMPANY NAME/SITE LOCATION: METROPOLITAN SERVICE DISTRICT — OREGON CITY, OR

DETERMINATION IS B/L FOR A NEW SOURCE.
PERMIT NO. 03-2667
DETERMINATION MADE BY: OREGON DEQ (AGENCY) — LLOYD KOSTOW (AGENCY CONTACT PERSON) — DATE OF PERMIT ISSUANCE-- ESTIMATED DATE OF START-UP-- (503)-229-5186 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THRCUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILERS, 3	2010.00 T/D				
		PM	0.0150 GR/DSCF	BAGHOUSE	LAER 99.90
		VOC	0.1200 LB/T	GOOD COMBUSTION	BACT
		SO2	0.5730 LB/T	DRY SCRUBBER	BACT 80.00
		NOX	3.5800 LB/T		BACT
		HG	0.0025 LB/T	BAGHOUSE	BACT
		CO	1.4300 LB/T	GOOD COMBUSTION	BACT
		PB	0.0075 LB/T	BAGHOUSE	BACT
		F	0.0170 LB/T	DRY SCRUBBER	BACT 70.00
		HCL	0.6690 LB/T	DRY SCRUBBER	BACT 90.00
		TET*	0.0000 LB/T	BAGHOUSE GOOD COMBUSTION	BACT

NOTES --------
THE FINAL PERMIT WAS NOT ISSUED BECAUSE APPLICATION WAS WITHDRAWN FOLLOWING DEFEAT OF THE PROJECT BY VOTE ON INITIATIVE. LIMITS ARE BASED ON PROPOSED PERMIT.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - OTHER — 80.00 MW

COMPANY NAME/SITE LOCATION: OCCIDENTAL GEOTHERMAL - OXY #1 , CA — LAKE COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. NSR-4-4-1 NC-81-03
DETERMINATION MADE BY: EPA REGION IX (AGENCY) — MATT HABER (AGENCY CONTACT PERSON) — (415)-974-8209 (PHONE)

DATE OF PERMIT ISSUANCE-- 05/10/82
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
POWER PLANT	80.00 MW	H2S	8.0000 LB/H	STRETFORD PROC.,H2O2 TREAT., DESIGN	99.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983 04/04/1984

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - OTHER

COMPANY NAME/SITE LOCATION: PACIFIC GAS & ELECTRIC CO., GEYSERS UNI* , CA
SONOMA COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. (REGION FILE NO.) NSR-4-4-3 SSB-81-03
DETERMINATION MADE BY: EPA REGION IX (AGENCY) — MATT HABER (AGENCY CONTACT PERSON) — (415)-974-8209 (PHONE)
DATE OF PERMIT ISSUANCE-- 07/27/82
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
POWER PLANT	2.00 MMLB/H STEAM	H2S	10.4000 LB/H	STRETFORD PROCESS & CATALYST SYS	BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW 04/01/1983 POST STARTUP 04/04/1984

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - OTHER — 1500.00 MW

COMPANY NAME/SITE LOCATION: TEXAS UTILITIES GEN CO. TWIN OAKS STATION — FRANKLIN, TX — ROBERTSON COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. PSD-TX-32
DETERMINATION MADE BY: EPA REGION VI (AGENCY) — JOHN BUNYAK (AGENCY CONTACT PERSON) — (214)-767-1594 (PHONE)

DATE OF PERMIT ISSUANCE-- 09/22/77
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
LIGNITE FIRED STEAM	1500.00 MW	SO2	1.2000 LB/MMBTU	FGD	71.90
		PM	0.1000 LB/MMBTU	ESP	99.50

NOTES --------
LIGNITE-FIRED

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/01/1983

SOURCE TYPE CODE 1.6

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - OTHER — 1500.00 MW

COMPANY NAME/SITE LOCATION: TEXAS UTILITIES SERVICE, INC. — KOSSE, TX 76653
OAK KNOLL STATION — LIMESTON COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. PSD-TX-47
DETERMINATION MADE BY: EPA REGION VI (AGENCY) — JOHN BUNYAK (AGENCY CONTACT PERSON) — (214)-767-1594 (PHONE)
DATE OF PERMIT ISSUANCE-- 02/09/78
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
LIGNITE FIRED STEAM	1500.00 MW				
		SO2	1.2000 LB/MMBTU		
				FGD	74.00
		PM	0.1000 LB/MMBTU		
				ESP	90.00

NOTES --------
LIGNITE FIRED

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - OTHER — 792.00 MMBTU/H

COMPANY NAME/SITE LOCATION: TEXAS UTILITIES SERVICE, INC. MILL CREEK — HENDERSON, TX — RUSK COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. PSD-TX-44
DETERMINATION MADE BY: EPA REGION VI (AGENCY) — JOE WINKLER (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 01/17/78
ESTIMATED DATE OF START-UP--
(214)-767-1594 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
LIGNITE FIRED STEAM ELECT.	750.00 MW				
		SO2	1.2000 LB/MMBTU	FGD	89.70
		PM	0.1000 LB/MMBTU	ESP	99.44

NOTES --------
EMISSIONS ARE BASED ON 1.06 LB/MMBTU SO2, 0.1 LB/MMBTU PART., AND 0.6 LB/HR NOX. LOWER EMISSIONS MAY BE REQUIRED.
LIGNITE FIRED

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - OTHER — 545.50 MMBTU HEAT INPUT

COMPANY NAME/SITE LOCATION: U.S. SUGAR CORP. — CLEWISTON, FL

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. AC 26-80930
DETERMINATION MADE BY: FLORIDA DER (AGENCY); WILLARD HANKS (AGENCY CONTACT PERSON); (904)-488-1344 (PHONE)

DATE OF PERMIT ISSUANCE-- 01/11/85
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER	SEE NOTES				
		PM	0.1500	BTU/MMBTU INPUT, BAGASSE	
			0.1000	BTU/MMBTU INPUT, OIL	
				SCRUBBER	93.00
		SO2	0.2500	BTU/MMBTU INPUT BAGASSE	
			1.5000	% S OIL MAX	
				& SEASON USAGE 500000 GAL MAX	
		VE	20.0000	% OPACITY MAX	
		NOX			
				O & M PLAN	
		CO			
				O & M PLAN	
		VOC			
				O & M PLAN	

NOTES --------
FACILITY HAS ONE FUEL STORAGE TANK & ALLOWED TO BURN 2.5% S OIL, FOR EVERY GALLON FIRED IN #4 BOILER THE NEXT FUEL OIL PURCHAS
E MUST CONTAIN EQUAL GALLONS AT 1.5% S OIL. THROUGHPUT CAPACITY - 545.5 MMBTU INPUT USING BAGASSE FUEL
& 225 MMBTU INPUT USING #6 OIL

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

SOURCE TYPE/SIZE EXTERNAL COMBUSTION - OTHER 2250.00 T/D

COMPANY NAME/SITE LOCATION WESTCHESTER COUNTY RESOURCE RECOVERY PECKSKILL, NY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO.
DETERMINATION MADE BY EPA REGION II (AGENCY) BARRY TORNICK (AGENCY CONTACT PERSON) (212)-264-9579 (PHONE)

DATE OF PERMIT ISSUANCE-- 02/22/82
ESTIMATED DATE OF START-UP-- 1985

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATORS, REFUSE FIRED, WAT*	750.00 T/D				
		PM	0.0300	GR/DSCF ESP AT 12% CO	BACT 98.50
		CO	0.6200	LB/T REFUSE DESIGN, HIGH XS AIR, GOOD COMBUSTION	BACT
		NOX	3.0000	LB/T REFUSE DESIGN, PROPER OPERATION	BACT
		SO2			BACT
		PB	0.0300	GR/DSCF ESP AT 12% CO	BACT 98.50
		HG	0.0300	GR/DSCF ESP AT 12% CO	BACT 98.50
		BE	0.0300	GR/DSCF ESP AT 12% CO	BACT 98.50
		ASB*	0.0300	GR/DSCF ESP AT 12% CO	BACT 98.50

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: REFUSE INCINERATION — 975.00 T/D

COMPANY NAME/SITE LOCATION: ARLINGTON/ALEXANDRIA WASTE-TO-ENERGY PLT — ALEXANDRIA, VA

DETERMINATION IS
PERMIT NO. 71895
DETERMINATION MADE BY: VIRGINIA APCB (AGENCY); KATHERINE MILLER (AGENCY CONTACT PERSON); (804)-786-4867 (PHONE)

DATE OF PERMIT ISSUANCE-- 10/04/84
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, 3	975.00 T/D				
		PM	0.0300 GR/DSCF AT 12% CO		BACT
				ESP	99.00
		VE	20.0000 % OPACITY		
		SO2	0.1200 % S CONTENT OF WASTE		BACT
				#6 FUEL OIL AS AN AUX. FUEL	
		VOC			LAER
				NOTE #1	
		CO			LAER
				NOTE #1	
		NOX			BACT
				NOTE #2	
		PB			BACT
				ESP	99.00

NOTES --------
NOTE #1 - COMBUSTION PARAMETERS - EXCESS AIR 65%, COMBUSTION TEMPERATURE 1832F. NOTE #2 - EACH INCINERATOR IS RATED AT 121.6 M MBTU/H - COMBINED TEMPERATURE BETWEEN 1500 - 2000F.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: REFUSE INCINERATION — 2200.00 T/D

COMPANY NAME/SITE LOCATION: CE - RESOURCE RECOVERY SYSTEMS — DETROIT, MI

DETERMINATION IS B/L FOR A NEW SOURCE.
PERMIT NO. 468-83
DETERMINATION MADE BY: MICHIGAN DNR (AGENCY); RANDAL TELESZ (AGENCY CONTACT PERSON); (517)-322-1333 (PHONE)

DATE OF PERMIT ISSUANCE-- 11/09/84
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, 3, WATER WALL	45.70 T RDF/H EA	PM	0.0300 GR/DSCF AT 12% CO2		LAER
			40.3000 LB/H	ESP	99.95
		SO2	457.1000 LB/H, NOTE #2		BACT
		NOX	226.0000 LB/H	OPTIMUM COMB. COND. SPECIFIED	BACT
		CO	249.0000 LB/H	OPTIMUM COMB. COND. SPECIFIED	LAER
		VOC	20.5000 LB/H		BACT
		VE	20.0000 % OPACITY	CONTROLED BY USE OF AUX. FUEL	BACT
		PB	1.3700 LB/H	SEE NOTE 4	BACT
		HCL	294.0000 LB/H		BACT
		HG	0.0700 LB/H	SEE NOTE 4	BACT
		CD	0.0850 LB/H	SEE NOTE 4	BACT
		CHR*	3.5000 LB/H	SEE NOTE 4	BACT
		CHR*	0.0160 LB/H	SEE NOTE 4	BACT
		DIO*	4.3000 EE-3 LB/H	SEE NOTE 5	BACT

REVIEW STATUS: INITIAL REVIEW POST STARTUP

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

(CONTINUED) CE - RESOURCE RECOVERY SYSTEMS

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)		F	3.7500 LB/H		BACT

NOTES --------
NOTE 1-ONLY 2 BOILERS ARE IN OPERATING MODE AT ANY TIME. AUXILIARY FUEL USED IS #2 FUEL OIL W/0.30% BY WT SULFUR FUEL LIMIT. N
OTE 2-SO2 LIMIT BASED 0.25% BY WT SULFUR IN RDF. NOTE 3-EMISSION LIMITS ARE PER BOILER UNLESS OTHERWISE NOTED.
NOTE 4-CONTROL PROVIDED BY REMOVAL DURING FUEL PREPARATION & PARTIALLY BY THE ESP. NOTE 5-CONTROLLED BY MAINTAINING MIN. COMB.
CHAMBER TEMP. OF 1800F & MINIMUM RETENTION TIME OF 1.0 SECOND, AUX. FUEL IS USED AS REQUIRED.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE/SIZE: REFUSE INCINERATION — 4.80 T/H

COMPANY NAME/SITE LOCATION: CITY OF CLEBURNE — CLEBURNE, TX — JOHNSON COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 9521
DETERMINATION MADE BY: TEXAS ACB (AGENCY) — JAMES RANDALL (AGENCY CONTACT PERSON) — (512)-451-5711 (PHONE)

DATE OF PERMIT ISSUANCE-- 02/27/85
ESTIMATED DATE OF START-UP-- 1985

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, 3 EA	1.60 T/H				
		PM	22.2100 T/YR		BACT
				ESP(S)	95.00
		NOX	17.0800 T/YR		BACT
		CO	29.0000 T/YR		BACT
		SO2	5.2100 T/YR		BACT
		HCL	4.2000 T/YR		BACT
		PB	0.4800 T/YR		BACT
		VOC	7.0500 T/YR		BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: REFUSE INCINERATION — 330.00 T/D

COMPANY NAME/SITE LOCATION: COMMERCE REFUSE-TO-ENERGY , CA

DETERMINATION IS
PERMIT NO. 103650
DETERMINATION MADE BY: SOUTH COAST AQMD (AGENCY); T. HUNT (AGENCY CONTACT PERSON); (818)-572-6203 (PHONE)

DATE OF PERMIT ISSUANCE-- 05/08/84
ESTIMATED DATE OF START-UP-- 1985

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, MASS BURN, WATER W*	330.00 T/D				
		SOX	11.0000 LB/H		LAER
			249.0000 LB/D		
				SPRAY DRYER	80.00
		NOX	40.0000 LB/H		LAER
			966.0000 LB/D		
				THERMAL DE-NOX & COMBUSTION MOD.	50.00
		PM	6.0000 LB/H		LAER
			74.0000 LB/D		
				BAGHOUSE	
				COMBUSTION CONTROL	

NOTES --------
OPERATES 24 H/D, 365 D/YR

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: REFUSE INCINERATION

COMPANY NAME/SITE LOCATION: DUTCHESS COUNTY RESOURCE RECOVERY — POUGHKEEPSIE, NY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 134601 0024
DETERMINATION MADE BY: NEW YORK DEC (AGENCY); JAMES HARRINGTON (AGENCY CONTACT PERSON); (518)-457-2018 (PHONE)

DATE OF PERMIT ISSUANCE-- 10/14/83
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ROTARY COMBUSTORS, 2, TOTAL	400.00 T/D				
		PM	0.0150	GR/DSCF, NOTE	BACT
				FABRIC FILTER	99.50
		SO2	50.0000	LB/H	BACT
				LOW S FUEL	
		NOX	50.0000	LB/H	BACT
				PROPER BOILER DESIGN	
		CO	26.0000	LB/H	BACT
				GOOD COMBUSTION CONTROL	
		HCL	6.6700	LB/H, NOTE	
				DRY VENTURI INJECTION	90.00
				LIME COATING FOR BAGHOUSE	

NOTES --------
APPLICANTS ORIGINAL PROPOSAL FOR ESP AT 0.03 GR/DSCF WAS PRELIMINARILY ACCEPTED AS BACT. HOWEVER, DECISION TO USE DRY SCRUBBER /BAGHOUSE FOR ACID GAS CONTROL YIELDED ADDITIONAL PARTICULATE CONTROL. ACID GAS CONTROL WAS NOT A REQUIREMENT OF NYS DEC. PSD PERMIT WAS HELD UP BY ADMINISTRATIVE APPEAL. APPEAL WAS DENIED 12/4/84.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 01/17/1985

SOURCE TYPE/SIZE: REFUSE INCINERATION — 1800.00 T/D RDF

COMPANY NAME/SITE LOCATION: ENERGY ANSWERS CORP. SEMASS PROJECT — ROCHESTER, MA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 025-120MA14
DETERMINATION MADE BY: EPA REGION I (AGENCY); JOHN COURCIER (AGENCY CONTACT PERSON); (617)-223-4448 (PHONE)

DATE OF PERMIT ISSUANCE-- 03/15/82
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER,WATER-COOLED, 3 EA.	600.00 T/D RDF EA				
		PM	0.0500 GR/DSCF 12% CO2	ESP,3-STAGE	BACT 96.00
		SO2	0.3400 LB/MMBTU 0.3000 % S BY WT, OIL	LOW S #2 FUEL OIL/LOW S RDF	BACT
		NOX	0.5000 LB/MMBTU	BOILER DESIGN	BACT

NOTES --------
ALL BACT LIMITS WERE DETERMINED SIMPLY BY TECHNOLOGY AVAILABLE AND THE ECONOMIC IMPACTS OF OTHER CONTROLS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE REFUSE INCINERATION 2360.00 T/D

COMPANY NAME/SITE LOCATION HOOKER ENERGY CORP. NIAGARA FALLS, NY NIAGARA COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. NONE
DETERMINATION MADE BY EPA REGION II (AGENCY) BARRY TORNICK (AGENCY CONTACT PERSON) (212)-264-9579 (PHONE)

DATE OF PERMIT ISSUANCE-- 07/23/81
ESTIMATED DATE OF START-UP-- 1982

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
RDF/COAL FIRED BOILERS	2360.00 T/D REFUSE	SO2	1.2000 LB/MMBTU COAL	
			0.8000 LB/MMBTU OIL	
			CONTRL METHOD: FUEL S CONTENT	
		NOX	0.7000 LB/MMBTU COAL	
			0.3000 LB/MMBTU OIL	
			CONTRL METHOD: TEMP & E.A.	
		PM	0.1000 LB/MMBTU COAL	
			0.0700 LB/MMBTU OIL	
		PM	0.0300 GR/DSCF REFUSE	BACT
		VE	20.0000 % OPACITY COAL	
			20.0000 % OPACITY OIL	BACT
		VE	20.0000 % OPACITY REFUSE	

NOTES --------
COAL USE LIMITED TO 30 DAYS PER YEAR. COMBUSTION FUEL EMISSION LIMITS INTERPOLATED BASED ON FUEL MIXTURE RATIO.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE/SIZE: REFUSE INCINERATION

COMPANY NAME/SITE LOCATION: KATY SEGHERS — CLEARFIELD, UT

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO.
DETERMINATION MADE BY: UTAH BAQ (AGENCY) — DAVID KOPTA (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 02/24/84
ESTIMATED DATE OF START-UP-- 1985
(801)-533-6108 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR & BOILER, WASTE HEAT	500.00 T/D				
		PM	0.0250 GR/DSCF AT 12% CO2		BACT
				ESP	98.00
		VE	20.0000 % OPACITY		BACT
				ESP	
		SO2	22.4000 LB/H		BACT
				LIME SCRUBBER/INJECTION	50.00
		HCL	31.8000 LB/H		BACT
				LIME SCRUBBER/INJECTION	50.00
		NOX	29.9000 LB/H		BACT
				COMBUSTION CONTROL	
		CO	35.5000 LB/H		BACT
				COMBUSTION CONTROL	
		F	1.1000 LB/H		BACT
				ESP	
		HG	0.1200 LB/H		BACT
		PB	0.2200 LB/H		BACT
				ESP	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: REFUSE INCINERATION — 1000.00 T/D

COMPANY NAME/SITE LOCATION: MCKAY BAY REFUSE-TO-ENERGY PROJECT — TAMPA, FL 33602

DETERMINATION IS LAER FOR A NEW SOURCE.
PERMIT NO. AC 29-47277
DETERMINATION MADE BY: FLORIDA DER (AGENCY); JOHN SVEC (AGENCY CONTACT PERSON); (904)-488-1344 (PHONE)

DATE OF PERMIT ISSUANCE-- 04/25/82
ESTIMATED DATE OF START-UP-- 1984

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
MASS BURN FURNACES	1000.00 T/D WASTE				
		PM	0.0250 GR/DSCF AT 12% O2		LAER
				ESP	99.00
		VE			
				CONTINUOUS OPACITY MONITOR	

NOTES --------
CONTINUOUS OPACITY MONITOR LIMITS TO BE DETERMINED DURING PERFORMANCE TESTING. FACILITY TO INCLUDE WASTE HEAT BOILERS AND TURBINE ELECTRICAL GENERATORS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: REFUSE INCINERATION — 1000.00 T/D

COMPANY NAME/SITE LOCATION: MCKAY BAY REFUSE-TO-ENERGY PROJECT — TAMPA, FL 33602

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. (REGION FILE NO.) PSD FL-086
DETERMINATION MADE BY: FLORIDA DER (AGENCY); JOHN SVEC (AGENCY CONTACT PERSON); (904)-488-1344 (PHONE)

DATE OF PERMIT ISSUANCE-- 07/02/82
ESTIMATED DATE OF START-UP-- 1984

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
MASS BURN FURNACES	1000.00 T/D WASTE	SO2	170.0000 LB/H	LOW SULFUR FUEL	
		NOX	300.0000 LB/H	COMBUSTION TECHNIQUE	
		VOC	9.0000 LB/H	COMBUSTION TECHNIQUE	
		PB	3.1000 LB/H	ESP	98.00
		F	6.0000 LB/H	NONE	
		HG	0.6000 LB/H	ESP	98.00
		BE	5.0000 G/D	ESP	

NOTES --------
FACILITY DESIGN ALLOWS FOR FUTURE INSTALLATION OF A SCRUBBER SYSTEM; NSPS APPLIES TO THIS FACILITY. FURNACES-FOUR 250 TPD USIN G VOLUND TECHNOLOGY, WASTE HEAT BOILERS & TURBINE GENERATORS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1985

SOURCE TYPE/SIZE: REFUSE INCINERATION — 600.00 T/D

COMPANY NAME/SITE LOCATION: MUNICIPAL INCINERATOR PULASKI HWY
PULASKI HIGHWAY
BALTIMORE, MD 21237
BALTIMORE CITY COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 78MD-09
DETERMINATION MADE BY: EPA REGION III (AGENCY) — ED VOLLBERG (AGENCY CONTACT PERSON) — (215)-597-8990 (PHONE)

DATE OF PERMIT ISSUANCE-- 01/25/80
ESTIMATED DATE OF START-UP-- 1981

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
MUNICIPAL INCINERATOR	600.00 T/D MSW	PM	0.0300 GR/DSCF		SIP
			81.6000 T/YR		
				ESP	98.00
		SO2	35.1000 PPH		BACT
			154.0000 T/YR		
				PROPER COMBUSTION TECHNIQUES	
		CO	30.0000 PPH		BACT
			127.0000 T/YR		
				PROPER COMBUSTION TECHNIQUES	
		VOC	1.3000 PPH		BACT
			5.5000 T/YR		
				PROPER COMBUSTION TECHNIQUES	
		NOX	2.6000 PPH		BACT
			11.4000 T/YR		
				PROPER COMBUSTION TECHNIQUES	

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: REFUSE INCINERATION — 62.50 T/H WASTE

COMPANY NAME/SITE LOCATION: NESWC RESOURCE RECOVERY FACILITY — NORTH ANDOVER, MA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 029-121MA16
DETERMINATION MADE BY: EPA REGION I (AGENCY) — JOHN COURCIER (AGENCY CONTACT PERSON) — (617)-223-4448 (PHONE)

DATE OF PERMIT ISSUANCE-- 05/27/82
ESTIMATED DATE OF START-UP-- 1983

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
STEAM GENERATING UNITS, 2 INCIN*	750.00 T/D EA, WAS*	PM	0.0500 GR/DSCF AT 12% CO2	ESP	B/S 98.66
		SO2	0.3400 LB/MMBTU	LOW S FUEL - 0.3% S #2 OIL	BACT
		NOX	0.3200 LB/MMBTU	INCINERATOR DESIGN	BACT
		CO	0.0700 LB/MMBTU	INCINERATOR DESIGN	BACT 98.00
		SOX	0.0200 LB/MMBTU	INCINERATOR DESIGN	BACT
AUXILIARY BOILER, 1	19.60 MMBTU/H	NOX	0.1550 LB/MMBTU	BOILER DESIGN	BACT
		CO	0.0350 LB/MMBTU	BOILER DESIGN	BACT 98.00
		SOX	0.0200 LB/MMBTU	BOILER DESIGN	BACT
		PM	0.1000 LB/MMBTU		B/S
		SO2	0.3400 LB/MMBTU	LOW S FUEL - 0.3% S #2 OIL	BACT

NOTES --------
LIMITS ARE REDUCTION OVER AP-42 EMISSIONS

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/01/1983

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE CODE 2.1

SOURCE TYPE/SIZE: REFUSE INCINERATION — 180000.00 LB/D

COMPANY NAME/SITE LOCATION: NOFOLK NAVAL SHIPYARD — NORFOLK, VA

DETERMINATION IS BACT
PERMIT NO. 60326
DETERMINATION MADE BY: VIRGINIA APCB (AGENCY); JAMES LEHAN (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 03/26/84
ESTIMATED DATE OF START-UP--
(804)-786-4867 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, 4	180000.00 LB/D				
		PM	0.0700 LB/MMBTU		PSD
				NOTE #1	99.00
		SO2	1.2000 LB/MMBTU		NSPS
				0.83% SULFUR IN COAL	
		NOX	0.7000 LB/MMBTU		NSPS
				NOTE #2	
		CO	0.5300 LB/MMBTU		PSD
				NOTE #3	
		VOC	0.0700 LB/MMBTU		PSD
				COMBUSTION PARAMETERS	
		HFL	1.1000 LB/MMBTU		PSD
		HCL	3.3000 LB/MMBTU		PSD

NOTES --------
NOTE #1 - CYCLONE & BAGHOUSE IN SERIES FOR A SYSTEM GRAIN LOADING OF 0.015 GR/CU FT. NOTE #2 - RDF HAS LOW SULFUR CONTENT, EAC
H UNIT IS DESIGNED TO MEET NSPS LIMITS WHEN BURNING COAL. NOTE #3 - EACH UNIT IS DESIGNED FOR LOW CO EMISSIONS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: REFUSE INCINERATION — 2010.00 T/D 3 UNITS

COMPANY NAME/SITE LOCATION: N.E. MARYLAND WASTE DISPOSAL AUTHORITY, 1801 OLD ANNAPOLIS ROAD — BALTIMORE, MD 21230 — BALTIMORE CITY COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 81MD01
DETERMINATION MADE BY: EPA REGION III (AGENCY); BOB BLASZCZAK (AGENCY CONTACT PERSON); (215)-597-8186 (PHONE)

DATE OF PERMIT ISSUANCE-- 09/10/81
ESTIMATED DATE OF START-UP-- 1984

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
WATER WALL, 3 EA INCINERATOR	2010.00 T/D				
		SO2	335.0000 LB/H 1259.0000 T/YR		BACT
		CO	109.0000 LB/H 406.0000 T/YR		BACT
		NOX	227.0000 LB/H 999.0000 T/YR		BACT
		F	4.2000 LB/H 15.7000 T/YR		BACT

NOTES --------
MARYLAND DEPT. OF HEALTH AND MENTAL HYGIENE PERFORMED LASER ANALYSIS FOR PARTICULATE MATTER. 0.019 GR/DSCF CORRECTED TO 12% CO IS BEING CONSIDERED (ESP).
EMISSION RATES BASED ON REFUSE CHARACTERISTICS. PERMITTEE IS TO PROVIDE PROCEDURES TO ENSURE ACCEPTABLE WASTE BEFORE OPERATION
.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: REFUSE INCINERATION

COMPANY NAME/SITE LOCATION: OGDEN PROJECTS, INC. , OK

DETERMINATION IS BACT
PERMIT NO. T84-23
DETERMINATION MADE BY: TULSA CITY-COUNTY HEALTH DEPT (AGENCY) J. VAN SANDT (AGENCY CONTACT PERSON) (918)-744-1000 (PHONE)

DATE OF PERMIT ISSUANCE-- 06/21/84
ESTIMATED DATE OF START-UP-- 1985

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, SOLID WASTE, 2 EA	375.00 T/YR				
		PM	34.2000 LB/H		BACT
				2 ESPS, SEE NOTE 2	98.00
		SO2	109.9000 LB/H		BACT
		NOX	103.1000 LB/H		BACT
		VOC	4.6000 LB/H		BACT
		CO	41.6000 LB/H		BACT
		HG	0.0600 LB/H		BACT
		HF	3.3000 LB/H		BACT

NOTES --------
NOTE 1 - SIC CODES 4931 & 4961 ARE ALSO INVOLVED BECAUSE STEAM & ELECTRICITY WILL BE SOLD TO INDUSTRY. NOTE 2 - PERFORMANCE STANDARDS OF 10% AVG. OPACITY PER CLOCK HOUR & 0.06 GR/DSCF CORRECTED TO 12% CO HAS BEEN IMPOSED.
NOTE - - UNITS SHOWN ARE FOR TWO INCINERATORS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 08/15/1984

SOURCE TYPE/SIZE: REFUSE INCINERATION — 1050.00 T/D

COMPANY NAME/SITE LOCATION: PUBLIC WORKS & UTILITIES , FL
PINELLAS COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. PA 83-18
DETERMINATION MADE BY: FLORIDA DER (AGENCY) — BOB KING (AGENCY CONTACT PERSON) — (904)-488-1344 (PHONE)

DATE OF PERMIT ISSUANCE-- 01/27/84
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COMBUSTION SYS., MASS BURN, MAR*	1050.00 T/D				
		PM	0.0300 GR/DSCF CORR. TO 12% CO2	ESP	99.00
		SO2	83.0000 LB/H	MSW SULFUR CONTENT	
		NOX	132.0000 LB/H	DESIGN	
		CO	66.0000 LB/H	DESIGN	
		PB	1.3000 LB/H	ESP	99.00
		VE	10.0000 % OPACITY		

NOTES --------
THIS IS A NEW UNIT ADDED TO TWO EXISTING UNITS, TOTAL NOW 3150 T/D. SOURCE IS LOCATED IN THE INFLUENCE OF, BUT DOES NOT IMPACT , A PARTICULATE NONATTAINMENT AREA.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: REFUSE INCINERATION — 100.00 T/D SOLID WASTE

COMPANY NAME/SITE LOCATION: REDDY CREEK IMPROVEMENT DIST, P.O. BOX 36, LAKE BUENA VISTA, FL 32830, ORANGE COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. PSD-FL-044
DETERMINATION MADE BY: FLORIDA DER (AGENCY) — ED PALAGYI (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 02/11/81
ESTIMATED DATE OF START-UP-- 1982
(904)-488-1344 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SLAGGING PYROLYSIS INCIN.	100.00 T/D	CO	2.2600 LB/MMBTU 91.2000 LB/H	FLUE GAS MONITORING SYS.	BACT

NOTES --------
SOURCE SHUT-DOWN 01/01/83 INDEFINITELY DUE TO OPERATIONAL ECONOMICS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW 04/01/1983 — POST STARTUP 01/25/1984

SOURCE TYPE/SIZE: REFUSE INCINERATION — 960.00 T/D RDF

COMPANY NAME/SITE LOCATION: REFUSE FUELS, INC. — LAWRENCE, MA

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 023-121MA12
DETERMINATION MADE BY: EPA REGION I (AGENCY); JOHN COURCIER (AGENCY CONTACT PERSON); (617)-223-4448 (PHONE)

DATE OF PERMIT ISSUANCE-- 03/23/81
ESTIMATED DATE OF START-UP-- 1982

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
FURNACE,WATER WALL, BALANCED FR*,	960.00 T/D RDF	PM	0.0250 GR/DSCF	ESP,5-FIELD,IN SERIES	LAER 98.00
		S	1.0000 % S OIL 1.2000 LB/MMBTU RDF	LOW S #6 OIL/LOW S RDF	BACT
		NOX	0.7000 LB/MMBTU RDF 0.3000 LB/MMBTU OIL	BOILER DESIGN	BACT

NOTES --------
LAER REQUIRED ON TSP FOR NONATTAINMENT AREA IN LAWENCE. BACT ON SO2 DETERMINED BY TECHNOLOGY AND ECONOMICS. BACT ON NO2 DETERMINED BY MEETING NSPS LIMITS FOR FOSSIL FUEL BOLIERS.
1.2 LB/MMBTU EQUIV. TO 1.0 % S OIL.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE/SIZE: REFUSE INCINERATION — 200.00 MMBTU/H

COMPANY NAME/SITE LOCATION: RESOURCE RECOVERY DEVELOPMENT AUTHORITY* — SAVANNAH, GA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 4953-025-8751
DETERMINATION MADE BY: GEORGIA EPD (AGENCY); PAUL IZANT (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 04/05/84
ESTIMATED DATE OF START-UP-- 1987
(404)-656-4867 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, 2 EA	100.00 MMBTU/H	PM	0.0500 GR/DSCF AT 12% CO2	ESP	TECH 99.00
		SO2	48.0000 LB/H	WITHOUT CONTROL	NOTE
		NOX	32.0000 LB/H	FURNACE DESIGN, OPER. PROCEDURES	NOTE
		CO	37.8000 LB/H	FURNACE DESIGN, OPER. PROCEDURES	NOTE
		PB	0.2000 LB/H	ESP	NOTE
		HG	0.1280 LB/H	ESP	NOTE
		HF	1.2000 LB/H	WITHOUT CONTROL	NOTE

NOTES --------
NOTE - BASED ON MUNICIPAL SOLID WASTE (MSW) CHARACTERISTICS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 08/31/1984

SOURCE TYPE/SIZE: REFUSE INCINERATION 75.00 T/D 2 EA

COMPANY NAME/SITE LOCATION: RESOURCES AUTHORITY GALLATIN, TN SUMMER COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO.
DETERMINATION MADE BY: TENNESSEE APCD (AGENCY) MERVAT AHMED (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 08/01/80
ESTIMATED DATE OF START-UP--
(615)-741-3651 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILERS, 2 MUNICIPAL REFUSE BUR*	75.00 T/D EA	PM	0.0400 GR/SCF	SCRUB. & FABRIC FILTERS	NSPS 99.00

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE CODE 2.1

SOURCE TYPE/SIZE: REFUSE INCINERATION — 624.00 T/D

COMPANY NAME/SITE LOCATION: TRANS ENERGY — BROOKS, OR

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 24-5398
DETERMINATION MADE BY: OREGON DEQ (AGENCY); WENDY SIMS (AGENCY CONTACT PERSON); (503)-229-5259 (PHONE)

DATE OF PERMIT ISSUANCE-- 12/19/83
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, SOLID WASTE, 2 EA	312.00 T/D				
		PM	0.0300 GR/DSCF AT 12% CO2		
			61.0000 T/YR		
				BAGHOUSE, OR ESP	
		NOX	94.0000 LB/H		
			290.0000 T/YR		
				EQUIPMENT DESIGN & OPERATION	
		HCL	23.0000 LB/H		
			69.0000 T/YR		
				SCRUBBER	80.00
		SO2	73.0000 LB/H		
			220.0000 T/YR		
				EQUIPMENT DESIGN & OPERATION	
		VE	10.0000 % OPACITY SEE NOTE		
		CO	55.0000 LB/H		
			170.0000 T/YR		
				EQUIPMENT DESIGN & OPERATION	
		HG	0.1700 LB/H		
			0.5100 T/YR		
				EQUIPMENT DESIGN & OPERATION	
		VOC	3.1000 LB/H		
			9.6000 T/YR		
				EQUIPMENT DESIGN & OPERATION	
		PB	0.5200 LB/H		
			1.6000 T/YR		
				EQUIPMENT DESIGN & OPERATION	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/19/1984

(CONTINUED) TRANS ENERGY

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)		FLU*	1.6000 LB/H 4.8000 T/YR EQUIPMENT DESIGN & OPERATION	
		BE	2.9000 EE-6 LB/H 8.8000 EE-6 T/YR EQUIPMENT DESIGN & OPERATION	
		TCDD	1.7000 EE-6 LB/H 5.1000 EE-6 T/YR TEMPERATURE CONTROL	

NOTES --------
NOT TO BE EXCEEDED FOR MORE THAN 3 MINUTES IN ANY ONE HOUR PERIOD.

SOURCE TYPE/SIZE: REFUSE INCINERATION

COMPANY NAME/SITE LOCATION: VICON RECOVERY SYSTEMS — RUTLAND, VT

DETERMINATION IS: DATE OF PERMIT ISSUANCE-- 03/20/84
PERMIT NO.: ESTIMATED DATE OF START-UP-- 1987
DETERMINATION MADE BY: ENVIRONMENTAL CONSERVATION (AGENCY) — LARRY MILLER (AGENCY CONTACT PERSON) — (802)-828-3395 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, MUNICIPLE SOILD WA*	240.00 T/D	PM	0.0200 GR/DSCF	ESP	BACT 99.50
		PB	0.0540 LB/T	ESP	BACT 99.50
		BE	2.1000 EE-5 LB/T	ESP	BACT 99.50
		ASB*	2.7000 EE-4 LB/T	ESP	BACT 99.50
		HCL	7.0000 LB/T		
		SO2	2.4000 LB/T		
		NOX	3.6000 LB/T		
		HG	0.0150 LB/T		

REVIEW STATUS: INITIAL REVIEW POST STARTUP

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE CODE 2.1

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE: SEWAGE SLUDGE INCINERATION

COMPANY NAME/SITE LOCATION: CITY OF L.A., HYPERION, BUREAU OF ENGIN* — LOS ANGLES, CA
CITY HALL

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. (REGION FILE NO.) NSR-4-4-9 LA-82-02
DETERMINATION MADE BY: EPA REGION IX (AGENCY) — RICK SUGAREK (AGENCY CONTACT PERSON) — (415)-974-8224 (PHONE)
DATE OF PERMIT ISSUANCE-- 09/30/82
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
GAS TURBINE, 4, DIGESTER GAS FI*	8.00 MW EA				
		SO2	20.0000 PPM DRY BASIS		BACT
				WET SCRUBBER	90.00
THERMAL PROCESSING WASTE HEAT R*					
		SO2	20.0000 PPM DRY BASIS		BACT
			9.2000 LB/H		
				2 STAGE WET SCRUBBER/VENTURI SCRUB	
				COUNTER CURRENT TRAY TOWER	
		HG	0.2890 LB/H		BACT
				2 STAGE WET SCRUBBER	
		BE	0.0000 LB/H		BACT
				FABRIC FILTER/2 STAGE WET SCRUBBER	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW 04/01/1983 — POST STARTUP 04/04/1984

SOURCE TYPE/SIZE: SEWAGE SLUDGE INCINERATION — 360.00 T/D SLUDGE

COMPANY NAME/SITE LOCATION: COUNTY SANITATION DISTRICTS OF L.A. COU* — CARSON, CA, LOS ANGELES COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. LA 83-02
DETERMINATION MADE BY: EPA REGION IX (AGENCY); JOE SLAMOVICH (AGENCY CONTACT PERSON); (415)-974-8235 (PHONE)
DATE OF PERMIT ISSUANCE-- 02/13/84
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COMBUSTOR, FLUIDIZED	68.17 MMBTU/H	SO2	0.0600 LB/MMBTU	LIMESTONE INJECTION/SPRAY DRYER	99.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: OTHER SOLID WASTE DISPOSAL

COMPANY NAME/SITE LOCATION: CREMATION SERVICES, INC. 1612 LEONARD ST. CLEVELAND, OH 44113

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 13-1217
DETERMINATION MADE BY: CLEVELAND DAPC (AGENCY) IKE HABIB (AGENCY CONTACT PERSON) (216)-664-3508 (PHONE)
DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, PATHOLOGICAL WASTE	800.00 LB/H	PM	0.5800 T/YR		
		VE	0.0000 % OPACITY		
		ODOR		NONE	

NOTES --------
INCINERATOR BURNS BODIES & INFECTIOUS WASTE FROM HOSPITALS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: OTHER SOLID WASTE DISPOSAL

COMPANY NAME/SITE LOCATION: DELAWARE SOLID WASTE AUTHORITY — WILMINGTON, DE — NEW CASTLE COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 79DE02
DETERMINATION MADE BY: EPA REGION III (AGENCY) — BOB BLASZCZAK (AGENCY CONTACT PERSON) — (215)-597-9186 (PHONE)

DATE OF PERMIT ISSUANCE-- 03/14/80
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
AIR CLASSIFIER		PM	7.7000 LB/H	BAGHOUSE	BACT 99.90
AIR CLASSIFIER		PM	7.7000 LB/H		BACT
DUST CONTROL SYS		PM	5.2000 LB/H		BACT
GLASS RECOVERY		PM	6.2000 LB/H		BACT
AIR KNIFE		PM	3.8000 LB/H		BACT
SECONDARY AIR CLASSIFER		PM	4.1000 LB/H		BACT
DRYER		PM	12.8000 LB/H		BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: OTHER SOLID WASTE DISPOSAL

COMPANY NAME/SITE LOCATION: DELAWARE SOLID WASTE II — WILMINGTON, DE — NEW CASTLE COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 79DE02 II
DETERMINATION MADE BY: EPA REGION III (AGENCY) — BOB BLASZCZAK (AGENCY CONTACT PERSON) — (215)-597-8166 (PHONE)
DATE OF PERMIT ISSUANCE-- 03/14/80
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
DRYER					
DRYER		PM	0.4800 LB/H		BACT
BOILER		PM	1.0400 LB/H		BACT
BOILER		PM	0.0100 LB/H		BACT
HEATER		PM	0.0200 LB/H		BACT
VENTS, 3		PM	0.0010 LB/H		BACT
		PM	1.6000 LB/H		BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/01/1983

SOURCE TYPE/SIZE: OTHER SOLID WASTE DISPOSAL — 16190.00 LB/BURNER

COMPANY NAME/SITE LOCATION: GABRIEL POWER CO. , CA — FRESNO COUNTY

DETERMINATION IS LAER FOR A NEW SOURCE.
PERMIT NO. 401026101O1-144
DETERMINATION MADE BY: FRESNO COUNTY APCD (AGENCY) — C.E. MASKALL (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 04/18/84
ESTIMATED DATE OF START-UP--
(209)-445-3258 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BURNER, BIOMASS	16190.00 LB/BURNER	SOX	0.0247 LB/MMBTU INPUT 78.0000 LB/D	BAGHOUSE & SCRUBBER	LAER

NOTES --------
OPERATES 24 H/D, 365 D/YR.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE OTHER SOLID WASTE DISPOSAL 2880000.00 GAL

COMPANY NAME/SITE LOCATION LUBBOCK FEEDLOTS, INC. , TX LUBBOCK COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. X-4142
DETERMINATION MADE BY TEXAS ACB (AGENCY) RALPH BOWLER (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 02/16/83
ESTIMATED DATE OF START-UP--
(512)-451-5711 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS ... & BASIS CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF
LOADING DIGESTERS, 12 EA	240000.00 GAL	ODOR	SEE NOTE
COLLECTING GAS, 12 EA	240000.00 GAL	ODOR	H2S COLLECT. IN FE SPOUNGE & PIPED TO CUSTOMER.
EMPTYING DIGESTERS, 12 EA	240000.00 GAL	ODOR	SEE NOTE

NOTES --------
PROCESSES MANURE FROM A CATTLE FEEDLOT.
NOTE -- SHOULD BE THE SAME AS EXISTING FEEDLOT ODORS.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 05/04/1984

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE/SIZE: OTHER SOLID WASTE DISPOSAL

COMPANY NAME/SITE LOCATION: RACK PROCESSING CO. — MORAINE, OH

DETERMINATION IS
PERMIT NO. 08-734
DETERMINATION MADE BY: DAYTON RAPCA (AGENCY) — DONNA GORBYLEE (AGENCY CONTACT PERSON) — (513)-225-5926 (PHONE)

DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP-- 1985

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
OVEN, PLASTISOL CURING & BAKE-O*	4500.00 LB/8H				
		PM	0.1000 LB/100LB CHARGED		BACT
				AFTERBURNER	90.00
		VOC	1.0300 T/YR		BACT
				AFTERBURNER	90.00
		HCL	17.7800 T/YR		BACT
		VE	5.0000 % OPACITY		BACT

NOTES --------
HCL EMISSIONS WERE MODELED FOR MAXIMUM GROUND LEVEL CONCENTRATION. THIS CONCENTRATION WAS COMPARED TO A TLV/X CONCENTRATION CALCULATED TO BE ACCEPTABLE. TLV/X=0.421 MG/CU. METER

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: OTHER SOLID WASTE DISPOSAL — 1440.00 T/D WOOD & WASTE

COMPANY NAME/SITE LOCATION: WATSON ENERGY SYS, INC. — WILMINGTON, CA

DETERMINATION IS LAER FOR A NEW SOURCE.
PERMIT NO. (REGION FILE NO.) LA 77-02
DETERMINATION MADE BY: EPA REGION IX (AGENCY); BOB BAKER (AGENCY CONTACT PERSON); (415)-974-8220 (PHONE)
DATE OF PERMIT ISSUANCE-- 01/03/80
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
STEAM GEN. UNITS, 4, WASTE/FUEL*	1440.00 T/D				
		NOX	83.0000 LB/H		LAER
				COMBUSTION MODIFICATION	
		SO2	64.0000 LB/H		LAER
				WET SCRUBBER (CAUSTIC)	90.00
		PM	4.0000 LB/H		LAER
				BAGHOUSE	99.50

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983 04/04/1984

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 38.30 MW

COMPANY NAME/SITE LOCATION: AMCO CHEMICALS CORP., P.O. BOX 568 — TEXAS CITY, TX 77590

DETERMINATION IS PERMIT NO. C-9378
DETERMINATION MADE BY: TEXAS ACB (AGENCY) — RANDY HAMILTON (AGENCY CONTACT PERSON) — (512)-451-5711 (PHONE)
DATE OF PERMIT ISSUANCE-- 03/01/84
ESTIMATED DATE OF START-UP-- 1984

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS	415.00 MMBTU/H	NOX	95.0000 PPM	STEAM INJECTION	BACT 37.00
DUCT BURNER	200.00 MMBTU/H	NOX	0.1200 LB/MMBTU	LOW NOX BURNER	BACT 25.00

NOTES --------
BACT = NSPS FOR INDUSTRIAL TURBINE --- 60.332(A)(1) SCC 2-02-002-01

REVIEW STATUS: INITIAL REVIEW POST STARTUP

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: ANCHORAGE MUNICIPAL LIGHT & POWER
GLENN HIGHWAY PLANT , AK

DETERMINATION IS BACT
PERMIT NO. 8421-AA004
DETERMINATION MADE BY: ALASKA DEC (AGENCY); DAVE ESTES (AGENCY CONTACT PERSON); (907)-465-2666 (PHONE)

DATE OF PERMIT ISSUANCE-- 10/15/84
ESTIMATED DATE OF START-UP-- 1985

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE	82.00 MW				
		NOX	75.0000	PPM AT 15% O2, DRY WET CONTROLS	BACT
		VE	10.0000	% OPACITY DURING DISTALLATE USE	BACT
		SO2	0.0100	% SULFUR CONTENT DURING DISTILLATE USE	BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 1412.50 MMBTU/H

COMPANY NAME/SITE LOCATION: APPLIED ENERGY SERVICES — GEISMAR, LA — ASCENSION PARISH

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. PSD-LA-530
DETERMINATION MADE BY: LAQD/EPA REGION VI (AGENCY) — NAN KILLEEN (AGENCY CONTACT PERSON) — (504)-342-8940 (PHONE)
DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE/STEAM GEN., WASTE HEAT	1412.50 MMBTU/H				
		NOX	414.0000 LB/H 1813.0000 T/YR	STEAM INJECTION	B/N
		CO	29.0000 LB/H 127.0000 T/YR		BACT
		VE		NO VISIBLE EMISSION	

NOTES --------
SUBJECT TO NSPS, SUBPART GG.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 394.70 MMBTU/H

COMPANY NAME/SITE LOCATION: BASF WYANDOTTE CO. — GEISMAR, LA, ASCENSION PARISH

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. PSD-LA-523
DETERMINATION MADE BY: LAQD/EPA REGION VI (AGENCY); BHARAT CONTRACTOR (AGENCY CONTACT PERSON); (504)-342-8940 (PHONE)

DATE OF PERMIT ISSUANCE-- 09/13/84
ESTIMATED DATE OF START-UP-- 1985

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, NAT. GAS, #1-84	394.70 MMBTU/H				
		NOX	330.0000 LB/H		BACT
			188.0000 PPMV		
				COMBUSTOR DESIGN	
		VE		NO VISIBLE EMISSION	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: NATURAL GAS TURBINES 39.00 MW

COMPANY NAME/SITE LOCATION: CARDINAL COGEN STANFORD UNIVERSITY, CA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. SFB 82-04
DETERMINATION MADE BY: EPA REGION IX (AGENCY); RICK SUGARECK (AGENCY CONTACT PERSON); (415)-974-7631 (PHONE)
DATE OF PERMIT ISSUANCE-- 06/29/83
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS	464.40 MMBTU/H	NOX	42.0000 PPM AT 15% O2	STEAM INJECTION	BACT
DUCT BURNERS	124.30 MMBTU/H	NOX	0.1000 LB/MMBTU	LOW NOX BURNERS	BACT

REVIEW STATUS: INITIAL REVIEW POST STARTUP

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 26.00 MW

COMPANY NAME/SITE LOCATION: CHUGACH ELECTRIC ASSOCIATION, UNIT #4 — BERNICE LAKE, AK

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. (REGION FILE NO.) PSD-X82-07
DETERMINATION MADE BY: EPA REGION X (AGENCY)
PAUL BOYS (AGENCY CONTACT PERSON)
(206)-442-1567 (PHONE)
DATE OF PERMIT ISSUANCE-- 08/06/82
ESTIMATED DATE OF START-UP-- 1982

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
GAS TURBINE	26.00 MW	NOX	130.0000 LB/H 569.0000 T/YR	WATER INJECTION	
		PM	12.0000 LB/H 48.2000 T/YR	LOW S COAL,DISTILLATE OIL BACKUP	

NOTES --------
THE BACT NOX EMISSION LIMIT WAS BASED ON THE NSPS. THE BACT PM EMISSION WAS BASED ON THE USE OF #2 DISTILLATE OIL, HOWEVER, TH E COMPANY PLANS TO USE NATURAL GAS AS THE PRIMARY FUEL. BECAUSE OF LIMITED BACKUP CAPACITY AT THAT LOCATION, THE COMPANY REQUESTED A PERMIT BASED ON 100% OIL USE.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/01/1983

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: COLORADO INTERSTATE GAS — LAKE STATION, KS — KEARNY COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO.
DETERMINATION MADE BY: EPA REGION VII (AGENCY) — STEVE KOVAC (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 10/19/82
ESTIMATED DATE OF START-UP--
(816)-374-6525 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... FCT EFF
I.C. RECIP. ENGINES, GAS-FIRED,*	1475.00 HP EA	NOX	760.0000 PPMV 15% O2, DRY BASIS OPERATE AT MAX EFFICIENCY	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: CROWN ZELLERBACH, INC. — ANTIOCH, CA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 28179
DETERMINATION MADE BY: BAY AREA AQMD (AGENCY) — DOUG WOLF (AGENCY CONTACT PERSON) — (415)-771-6000 (PHONE)

DATE OF PERMIT ISSUANCE-- 03/01/82
ESTIMATED DATE OF START-UP-- 1983

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
GAS TURBINE	32.00 MW				
		NOX	42.0000	PPM NO2 AT 15% O2 WATER/STEAM INJECTION	
DUCT BURNER	145.00 MMBTU/H				
		NOX	88.0000	PPM NO2 AT 3% O2 LO-NOX DESIGN	

NOTES --------
BURNING NATURAL GAS

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/01/1983

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: DOW CHEMICAL, USA — PLAQUEMINE, LA — IBERVILLE PARISH

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. PSD-LA-393,M-1
DETERMINATION MADE BY: LAQD/EPA REGION VI (AGENCY) — BHARAT CONTRACTOR (AGENCY CONTACT PERSON) — (504)-342-8940 (PHONE)

DATE OF PERMIT ISSUANCE-- 11/14/83
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, #GT-300 & GT-400, 2 EA	100.00 MW	NOX	1194.0000 LB/H	COMB. CONTRL	N/A
		CO	66.0000 LB/H		
		VE	0.0000 % OPACITY		

NOTES --------
THE ORIGINAL PERMIT PSD-LA-393 WAS ISSUED ON 08/11/81. SUBSEQUENT REVISION TO NSPS BY EPA ON 01/27/82 , 40CFR60, SUBPART GG, E
XEMPTED THESE TURBINES FROM STEAM INJECTION CONTROLS.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE/SIZE NATURAL GAS TURBINES 1100.00 HP

COMPANY NAME/SITE LOCATION EXPLORER PIPELINE CO. , TX
SEE NOTE #2

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 15401
DETERMINATION MADE BY TEXAS ACB (AGENCY) R. HAMILTON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 06/20/84
ESTIMATED DATE OF START-UP--
(512)-451-5711 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS	1100.00 HP	VOC	2.8000 T/YR		BACT
		NOX	15.1000 T/YR		NOTE
		CO2	40.0000 T/YR		BACT

NOTES --------
SIC 1311, 4922 / SCC 2-02-002-01 / NOTE - 5.0 G NOX/HP/H. NOTE #2 - P.O. BOX 2650, TULSA, OK 74101

REVIEW STATUS: INITIAL REVIEW POST STARTUP

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 21.00 MW

COMPANY NAME/SITE LOCATION: GETTY OIL CO. , CA — KERN COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 4003578-583
DETERMINATION MADE BY: KERN COUNTY APCD (AGENCY) — TOM PAXSON (AGENCY CONTACT PERSON) — (805)-861-3682 (PHONE)

DATE OF PERMIT ISSUANCE-- 03/29/85
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, GAS TURBINE, 6 EA	3.50 MW				
		NOX	7.6000 LB/H		BACT
			195.0000 PPMVD AT 15% O2		
				H2O INJECTION AT 0.8 LB H2O/LB FUEL	
		VOC	1.6500 LB/H		BACT
		CO	4.4900 LB/H		

NOTES --------
OPERATES 24 H/D, 365 D/YR

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 300.00 MW

COMPANY NAME/SITE LOCATION: GETTY OIL, KERN RIVER COGENERATION PROJ* , CA — KERN COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. SJ 83-03
DETERMINATION MADE BY: EPA REGION IX (AGENCY); MATT HABER (AGENCY CONTACT PERSON); (415)-974-8209 (PHONE)

DATE OF PERMIT ISSUANCE-- 11/03/83
ESTIMATED DATE OF START-UP-- 1984

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS FIRED, 4 EA	825.00 MMBTU/H	CO	9.0000 PPM 17.0000 LB/H	PROPER COMBUSTION	

NOTES --------
1.) EACH TURBINE IS LIMITED TO NOX EMISSION OF 42 PPM & 140 LB/H BY A LOCAL NSR PERMIT. 2.) THE SOURCE HAS APPLIED FOR A MAJOR MODIFICATION TO INCREASE THE CO LIMIT WHEN FIRING ON DISTILLATE FUEL, THE STAND-BY FUEL.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/19/1984

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 63.40 MW

COMPANY NAME/SITE LOCATION: IBM COGENERATION PROJECT — BAY AREA, CA

DETERMINATION IS LAER FOR A NEW SOURCE.
PERMIT NO. 30066
DETERMINATION MADE BY: BAY AREA AQMD (AGENCY); VICTOR REYES (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 12/01/84
ESTIMATED DATE OF START-UP--
(415)-771-6000 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS	49.00 MW	NOX	25.0000 PPM AT 15% O2	SELECTED CATALYTIC REDUCTION H2O INJECTION	LAER

NOTES --------
OPERATES 24 H/D, 365 D/YR

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: KISSIMMEE UTILITIES — KISSIMMEE, FL

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. AC 49-74856
DETERMINATION MADE BY: FLORIDA DER (AGENCY) — TERESA HERON (AGENCY CONTACT PERSON) — (904)-488-1344 (PHONE)

DATE OF PERMIT ISSUANCE-- 03/30/84
ESTIMATED DATE OF START-UP-- 1984

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS	400.00 MMBTU/H				
		NOX	79.0000	PPM GAS FIRED	
			129.0000	PPM OIL FIRED	
				WATER INJECTION	40.00
		SO2	0.5000	LB/MMBTU	
				FUEL S CONTENT	
		VE	20.0000	% OPACITY MAX	
BOILER, WASTE HEAT	41.70 MMBTU/H				
		SO2	0.500	LB/MMBTU	
				FUEL S CONTENT	

NOTES --------
NSPS SUBPART GG APPLICABLE. TURBINE EXHAUST GASES DISCHARGE INTO A WASTE HEAT BOILER. TOTAL ELECTRIC POWER GENERATED BY THE SY
STEM IS 50 GROSS MEGAWATTS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 12/28/1984

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 73.50 MW

COMPANY NAME/SITE LOCATION: NEVADA PWR CO., CLARK STATION UNIT #7 — EAST LAS VEGAS, NV

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. (REGION FILE NO.) NV 78-02
DETERMINATION MADE BY: EPA REGION IX (AGENCY) — JIM HANSON (AGENCY CONTACT PERSON) — (415)-974-8038 (PHONE)

DATE OF PERMIT ISSUANCE-- 10/01/79
ESTIMATED DATE OF START-UP-- 1980

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
GEN., GAS TURBINE	73.50 MW				
		NOX	0.3400 LB/MMBTU	WATER INJECTION	
		PM	0.0300 LB/MMBTU		
		CO	0.1200 LB/MMBTU		
		SO2		0.25% S FUEL CONTENT	

NOTES --------
REGENERATOR IS SUBJECT TO NSPS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1933 02/13/1934

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 73.50 MW

COMPANY NAME/SITE LOCATION: NEVADA PWR CO., CLARK STATION UNIT #8 — EAST LAS VEGAS, NV

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. (REGION FILE NO.) NV 80-01
DETERMINATION MADE BY: EPA REGION IX (AGENCY); LARRY BOWERMAN (AGENCY CONTACT PERSON); (415)-974-8213 (PHONE)

DATE OF PERMIT ISSUANCE-- 09/11/80
ESTIMATED DATE OF START-UP-- 1982

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
GEN., COMBUSTION TURBINE	73.50 MW			
		NOX	0.3400 LB/MMBTU	NSPS
			WATER INJECTION	
		SO2		BACT
			0.25% S FUEL OIL	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS:	INITIAL REVIEW	POST STARTUP
	04/01/1983	02/13/1984

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: NORTHERN CALIFORNIA POWER AGENCY — ROSEVILLE, CA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. A/C-84-06
DETERMINATION MADE BY: PLACER COUNTY APCD (AGENCY) — KEN SELOVER (AGENCY CONTACT PERSON) — (916)-823-4443 (PHONE)

DATE OF PERMIT ISSUANCE-- 09/05/84
ESTIMATED DATE OF START-UP-- 1985

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, 2, NAT. GAS	25.80 MW				
		NOX	42.0000 PPMD AT 15% O2	H2O INJECTION	BACT
TURBINE, 2, FUEL OIL	25.80 MW				
		NOX	62.0000 PPMD AT 15% O2	H2O INJECTION	BACT
		SOX		0.25% SULFUR WT.	BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: NORTHERN NATURAL GAS — CUNNINGHAM, KS

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO.
DETERMINATION MADE BY: EPA REGION VII (AGENCY); STEVE KOVAC (AGENCY CONTACT PERSON); (816)-374-6525 (PHONE)

DATE OF PERMIT ISSUANCE-- 03/12/82
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
I.C. RECIP. ENGINES, DUAL FUEL,*	2250.00 HP EA				
		NOX	60.0000 LB/H		
		CO	15.0000 LB/H		
		VOC	3.9000 LB/H		

NOTES --------
IN CONSIDERATION OF TEST RESULTS, THE CO EMISSION LIMIT WAS CHANGED FROM 9 TO 15 LB/H ON NOV. 29, 1982.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION PANHANDLE EAST. PIPELINE CO. ELKHART STATION, KS MORTON COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO.
DETERMINATION MADE BY EPA REGION VII (AGENCY) STEVE KOVAC (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 11/18/81
ESTIMATED DATE OF START-UP--
(816)-374-6525 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
I.C. RECIP. ENGINES, GAS FIRED,*	3200.00 HP EA	NOX	600.0000 PPMV 15% O2, DRY BASIS	PRE-IGNITION CHAMBER	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/01/1983

SOURCE TYPE/SIZE NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION PETRO-TEX CHEMICAL CORP. , TX HARRIS COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. SEE NOTE
DETERMINATION MADE BY TEXAS ACB (AGENCY) JIMMY RANDALL (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 12/21/82
ESTIMATED DATE OF START-UP-- 1983
(512)-451-5711 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS	982.30 MSCFH	NOX	237.9000 LB/H	H2O INJECTION	NSPS
		SO2	0.7000 LB/H		
		CO	15.2500 LB/H		TECH

NOTES --------
NOTE -- PERMIT NUMBER 9199, 9200. EACH PERMIT COVERS ONE TURBINE.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 05/04/1984

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 217.00 MMBTU/H

COMPANY NAME/SITE LOCATION: PROCTOR & GAMBLE — SACRAMENTO, CA

DETERMINATION IS
PERMIT NO. SAC 83-01
DETERMINATION MADE BY: EPA REGION IX (AGENCY) (AGENCY CONTACT PERSON) (PHONE)

DATE OF PERMIT ISSUANCE-- 05/10/83
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS	217.00 MMBTU/H				
		SO2	0.3000	% S BY WT	
		NOX	75.0000	PPM AT 15% O2, OIL	
			62.0000	PPM AT 15% O2, GAS	
				H2O INJECTION	
		CO	32.0000	LB/H GAS FIRED	
			22.0000	LB/H OIL FIRED	
BURNER, DUCT					
		NOX	0.1500	LB/MMBTU	
				LOW NOX BURNERS	
		CO	0.5000	LB/H	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 303.00 MHP

COMPANY NAME/SITE LOCATION: PRUDHOE BAY CONSORTIUM — PRUDHOE BAY, AK

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. (REGION FILE NO.) PSD-X81-01
DETERMINATION MADE BY: EPA REGION X (AGENCY); DAVID TETTA (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 09/29/81
ESTIMATED DATE OF START-UP--
(206)-442-1193 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINES	303.00 MHP				
		NOX	150.0000 PPM	DRY CONTROLS	BACT
		CO	1.0900 LB/MMSCF FUEL	PROPER COMBUSTION	BACT
HEATERS	250.00 MMBTU/h				
		NOX	0.0800 LB/MMBTU	LOW NOX BURNERS	BACT
		CO	0.0100 LB/MMBTU	PROPER COMBUSTION	BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 200.00 MW

COMPANY NAME/SITE LOCATION: PUGET SOUND POWER & LIGHT — FREDONIA, WA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. PSD-X-82-09
DETERMINATION MADE BY: EPA REGION X (AGENCY); PAUL BOYS (AGENCY CONTACT PERSON); (206)-442-1567 (PHONE)

DATE OF PERMIT ISSUANCE-- 08/23/82
ESTIMATED DATE OF START-UP-- 1984

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION ... & BASIS ... PCT EFF
GAS TURBINE, 2	100.00 MW EA			
		NOX	480.0000 LB/H	
			2061.0000 T/YR	
				WATER INJECTION
		CO	185.0000 LB/H	
			645.0000 T/YR	
		SO2	640.0000 LB/H	
			154.0000 T/YR	
		PM	2.9000 LB/H	
			12.5000 T/YR	

NOTES --------
THE NSPS LIMIT FOR NOX WAS THE BASIS FOR BACT. THE SO2 BACT LIMIT WAS BASED ON THE USE OF 0.5% S OIL.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE NATURAL GAS TURBINES NOTE #2

COMPANY NAME/SITE LOCATION SIMPSON COGENERATION PROJECT POMONA, CA

DETERMINATION IS LAER FOR A NEW SOURCE.
PERMIT NO. C-42507
DETERMINATION MADE BY SOUTH COAST AQMD (AGENCY) BRIAN YEH (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 01/06/84
ESTIMATED DATE OF START-UP--
(818)-572-6256 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, NAT. GAS FIRED, W/DIES*	3.08 MMBTU/H	NOX	3264.0000 LB/D SEE NOTE #1		LAER

NOTES --------
OPERATES 24 H/D, 365 D/YR. NOTE #1 - H2O INJECTION USING 0.6 & 0.645 LB OF WATER TO LB OF GAS & #2 DIESEL FUEL, RESPECTIVELY.
NOTE #2 - PLANT CAPACITY 32.25 MW & 194. LB SATURATED STEAM/H.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE CODE 3.1

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 1290.00 MW

COMPANY NAME/SITE LOCATION: SOUTHERN CALIF. EDISON CO. , CA
UPPER JOHNSON VALLEY — SAN BERNARDINO COUNTY

DETERMINATION IS BACT
PERMIT NO. SE 81-01
DETERMINATION MADE BY: EPA REGION IX (AGENCY) — MATT HABER (AGENCY CONTACT PERSON) — (415)-974-8209 (PHONE)

DATE OF PERMIT ISSUANCE-- 04/25/83
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
GAS TURBINE, 20	64.50 MW EA				
		SO2	0.0960	LB/MMBTU	
			71.4500	LB/H/TURBINE	
				USE OF VERY LOW SULFUR (0.1%) OIL	
		NOX	44.5000	PPM	
			140.0000	LB/H/TURBINE	
				WATER INJECTION	
		CO	17.0000	LB/H/TURBINE	
				PROPER COMBUSTION	
		PB	1.8000	PPM FUEL CONTENT	
		H2S*	0.1000	SULFUR FUEL OIL	
		AS3*	2.8500	LB/H/TURBINE	
				COMPL. W/TSP LIM. 10 LB/H,& SEMI-ANN. FUEL SAM*	
		HG	2.8500	LB/H/TURBINE	
				COMPL. W/TSP LIM. 10 LB/H,& SEMI-ANN. FUEL SAM*	

NOTES --------
1) CONTINOUS MONITORS ARE REQUIRED FOR NOX, SO2, AND CO. 2) TURBINE CURRENTLY PLANNED FOR IS THE GE FRAME 7. 3) OPERTION IS LI
MITED TO 1500 HR/YR PER TURBINE. ALSO UNDER SOURCE CODES 3.2 & 3.3

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/19/1984

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 3200.00 HP

COMPANY NAME/SITE LOCATION: SW GAS STORAGE CO., PANHANDLE EAST. PIP* BROCHERS STATION , KS — MEADE COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO.
DETERMINATION MADE BY: EPA REGION VII (AGENCY) — STEVE KOVAC (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 12/11/80
ESTIMATED DATE OF START-UP--
(816)-374-6525 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINES, NAT. GAS FIRED, 5 IC R*	3200.00 HP EA	NOX	850.0000 PPM 15% O2 (D)		BACT

NOTES --------
BORCHERS UNDERGROUND STORAGE FACILITY. (2-CYCLE, TURBO CHARGED ENGINES WITH STANDARD COMBUSTION CHAMBERS, DESIGNED TO OPERATE AT RELATIVELY LOW SPEED)

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 16500.00 HP

COMPANY NAME/SITE LOCATION: TEXAS EASTERN TRANSMISSION CO. — DELMONT, PA — WESTMORELAND COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 82PA02
DETERMINATION MADE BY: EPA REGION III (AGENCY) — VERNON BUTLER (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 07/07/82
ESTIMATED DATE OF START-UP-- 1982
(215)-597-2711 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
GAS TURBINE	16500.00 HP	NOX	150.0000 PPM NATURAL GAS	BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: TEXAS GULF CHEMICALS CO. P.O. BOX 488 NEWGULF, TX 77462 WHARTON COUNTY

DETERMINATION IS
PERMIT NO. C-9340
DETERMINATION MADE BY: TEXAS ACB (AGENCY) J. RANDALL (AGENCY CONTACT PERSON) (512)-451-5711 (PHONE)

DATE OF PERMIT ISSUANCE-- 06/11/84
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS	78.00 MW				
		PM	13.1000 T/YR		BACT
		VOC	31.1000 T/YR		BACT
		NOX	1366.0000 T/YR	STEAM INJECTION	NSPS
		SO2	0.1000 T/YR	SWEET NATURAL GAS	BACT
		CO	93.8000 T/YR		BACT

NOTES --------
SCC 2-04-003-01

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 10/31/1984

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: TEXAS PETRO CHEMICALS CORP.
8600 PARK PLACE BLVD
HOUSTON, TX 77017
HARRIS COUNTY

DETERMINATION IS
PERMIT NO. C-9382
DETERMINATION MADE BY: TEXAS ACB (AGENCY); J. RANDALL (AGENCY CONTACT PERSON); (512)-451-5711 (PHONE)

DATE OF PERMIT ISSUANCE-- 06/08/84
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EF
TURBINE, GAS, 2 EA	92.00 MW				
		VOC	1.7000 T/YR		BACT
		MET*	15.3000 T/YR		BACT
		NOX	1047.0000 T/YR	STEAM INJECTION	NSPS
		SO2	3.1000 T/YR	SWEET NATURAL GAS	BACT
		CO2	66.8000 T/YR		BACT

NOTES --------
SIC - 2659, SCC - 2-02-002-01

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 10/31/1984

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 88.00 MW

COMPANY NAME/SITE LOCATION: TOSCO CORP. — MARTINEZ, CA, CONTRA COSTA COUNTY

DETERMINATION IS
PERMIT NO. 5193
DETERMINATION MADE BY: EPA REGION IX (AGENCY); MATT HABER (AGENCY CONTACT PERSON); (415)-974-8209 (PHONE)

DATE OF PERMIT ISSUANCE-- 12/13/83
ESTIMATED DATE OF START-UP-- 1984

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS, 2 EA	500.00 MMBTU/H			
		NOX	45.0000 PPM AT 15% O2	
			75.0000 LB/H	
			STEAM INJECTION	

NOTES --------
TURBINES ARE GE FRAME 6. CEM REQUIRED FOR NOX. PRIMARY FUEL IS REFINERY FUEL GAS, SECONDARY FUEL IS PIPELINE GAS. ALSO SOURCE TYPE 5.6

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/19/1984

SOURCE TYPE/SIZE: NATURAL GAS TURBINES 8563.00 KW

COMPANY NAME/SITE LOCATION: UNIVERSITY CO-GENERATION LTD., 1983-I BELLRIDGE OIL FIELD, CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 4133001
DETERMINATION MADE BY: KERN COUNTY APCD (AGENCY); TOM PAXSON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 03/21/84
ESTIMATED DATE OF START-UP--
(805)-861-3682 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS & BOILER, WASTE HE*	8563.00 KW	NOX	714.0000 LB/D	H20 INJ., 0.9/1.0 W/F	65.00

NOTES --------
EMISSION LIMITS MAY BE FIXED AT LOWER LEVEL UPON EMISSIONS TESTING - UNIT WILL OPERATE 24 H/D, 7 D/WEEK, 52 WEEK/YR.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 39.10 MW

COMPANY NAME/SITE LOCATION: VULCAN MATERIALS CO. — WICHITA, KS — SEDGWICK COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO.
DETERMINATION MADE BY: EPA REGION VII (AGENCY); STEVE KOVAC (AGENCY CONTACT PERSON); (816)-374-6525 (PHONE)

DATE OF PERMIT ISSUANCE-- 07/23/81
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, SIMPLE-CYCLE, NAT. GAS	39.10 MW	NOX	SEE NOTE STEAM INJECTION	BACT

NOTES --------
THE UNIT IS SUBJECT TO NSPS, SUBPART GG.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: NATURAL GAS COMPRESSORS — 4000.00 BRAKE HP

COMPANY NAME/SITE LOCATION: ALGONQUIN GAS TRANSMISSION CO. — CROMWELL, CT

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 026-042CT01
DETERMINATION MADE BY: EPA REGION I (AGENCY); JOHN COURCIER (AGENCY CONTACT PERSON); (617)-223-4448 (PHONE)

DATE OF PERMIT ISSUANCE-- 03/05/82
ESTIMATED DATE OF START-UP-- 1982

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE,TURBINE COMPRESSION	40.00 BHP	NOX	0.0135 % BY VOL MANUFACTURER'S GUARANTEE	BACT

NOTES --------
NSPS USED AS GUIDE, BUT MODIFICATION WAS NOT SUBJECT TO NSPS. BACT BASED ON MANUFACTURER'S GUARANTEE. LIMIT MEASURED AT 15% O2 DRY BASIS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: NATURAL GAS COMPRESSORS

COMPANY NAME/SITE LOCATION: ANR STORAGE CO. EXCELSIOR TWP, MI 49000 KALKASKA COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 67-80
DETERMINATION MADE BY: MICHIGAN DNR (AGENCY) DAVID FERRIER (AGENCY CONTACT PERSON) (517)-322-1333 (PHONE)

DATE OF PERMIT ISSUANCE-- 04/01/80
ESTIMATED DATE OF START-UP-- 1981

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COMPRESSOR, NAT. GAS, 2 EA	3750.00 HP	NOX	12.0000 G/HP-H	RETARDED IGNITION	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW 04/01/1983 POST STARTUP 03/13/1984

SOURCE TYPE/SIZE: NATURAL GAS COMPRESSORS — 20.00 MHP

COMPANY NAME/SITE LOCATION: CO INTERSTATE GAS, CHEYENNE — NEAR ROCKPORT, CO — WELD COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO.
DETERMINATION MADE BY: EPA REGION VIII (AGENCY) — JOHN DALE (AGENCY CONTACT PERSON) — (303)-837-3763 (PHONE)

DATE OF PERMIT ISSUANCE-- 09/12/80
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
2 ENGINES	5130.00 HP				
		NOX	39.2400 LB/H DESIGN		BACT
2 REC ENGINES	5130.00 HP				
		CO			BACT
		NOX	68.0000 LB/H DESIGN		BACT
2 REC ENGINES	12000.00 HP				
		CO			BACT
		NOX	158.6000 LB/H DESIGN		BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: NATURAL GAS COMPRESSORS — 20.00 MHP

COMPANY NAME/SITE LOCATION: CO INTERSTATE GAS, DEERTRAIL , CO
ELBERT COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO.
DETERMINATION MADE BY: EPA REGION VIII (AGENCY) — JOHN DALE (AGENCY CONTACT PERSON) — (303)-837-3763 (PHONE)
DATE OF PERMIT ISSUANCE-- 10/24/80
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE	6000.00 HP				
		CO			BACT
		NOX	79.3000 LB/H DESIGN		BACT
2 ENGINES	16000.00 HP				
		CO			BACT
		NOX	211.4000 LB/H DESIGN		BACT
GEN. ENGINE	425.00 HP				
		CO			BACT
		NOX	10.2000 LB/H DESIGN		BACT
HEATER	6.00 MMBTU/H				
		CO			BACT
		NOX	0.7600 LB/H		BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/01/1983

SOURCE TYPE/SIZE: NATURAL GAS COMPRESSORS — 66.00 MHP

COMPANY NAME/SITE LOCATION: CO INTERSTATE GAS, FLANK — NEAR LA JUNTA, CO — BACA COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO.
DETERMINATION MADE BY: EPA REGION VIII (AGENCY); JOHN DALE (AGENCY CONTACT PERSON); (303)-837-3763 (PHONE)

DATE OF PERMIT ISSUANCE-- 10/24/80
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
H3 GLYCO REBOIL	8.00 MMBTU/H				
		NOX	8610.0000 SCFH		BACT
6 REC NG ENGS	13320.00 HP				
		NOX	83.1000 LB/H DESIGN		BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: NATURAL GAS COMPRESSORS — 44.00 MHP

COMPANY NAME/SITE LOCATION: CO INTERSTATE GAS, KIT CARSON — NEAR EADS, CO — CHEYENNE COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO.
DETERMINATION MADE BY: EPA REGION VIII (AGENCY) — JOHN DALE (AGENCY CONTACT PERSON) — (303)-837-3763 (PHONE)

DATE OF PERMIT ISSUANCE-- 09/12/80
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, OPR	370.00 HP				
		NOX	8.9000 LB/H DESIGN		BACT
		CO			BACT
3 ENGINES	16000.00 HP				
		CO			BACT
		NOX	211.4000 LB/H DESIGN		BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: NATURAL GAS COMPRESSORS 34.00 MHP

COMPANY NAME/SITE LOCATION: CO INTERSTATE GAS, TOTEM/LONG , CO ELBERT COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO.
DETERMINATION MADE BY: EPA REGION VIII (AGENCY) JOHN DALE (AGENCY CONTACT PERSON) (303)-837-3763 (PHONE)
DATE OF PERMIT ISSUANCE-- 09/12/80
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
4 ENGINES	1340.00 HP	CO			BACT
		NOX	53.1600 LB/H DESIGN		BACT
6 ENGINES	2130.00 HP	CO			BACT
GENERATOR	370.00 HP	CO			BACT
		NOX	8.9000 LB/H		BACT
2 HEATERS	16.00 MMBTU/H	CO			BACT
		NOX	2.5200 LB/H		BACT
6 ENGINES	8550.00 HP	NOX	216.6000 LB/H DESIGN		BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/01/1983

SOURCE TYPE/SIZE: NATURAL GAS COMPRESSORS — 60.00 MHP

COMPANY NAME/SITE LOCATION: CO INTERSTATE GAS, WATKINS — NEAR WATKINS, CO — ADAMS COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO.
DETERMINATION MADE BY: EPA REGION VIII (AGENCY) — JOHN DALE (AGENCY CONTACT PERSON) — (303)-837-3763 (PHONE)

DATE OF PERMIT ISSUANCE-- 09/12/80
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE	1350.00 HP	CO			BACT
		VOC			BACT
		NOX	17.8400 LB/H DESIGN		BACT
4 ENGINES	10800.00 HP	CO			BACT
		VOC			BACT
		NOX	142.7200 LB/H DESIGN		BACT
5 ENGINES	30000.00 HP	CO			BACT
		VOC			BACT
		NOX	396.5000 LB/H DESIGN		BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: NATURAL GAS COMPRESSORS — 1600.00 HP 2 EA

COMPANY NAME/SITE LOCATION: CONSOLIDATED GAS SUPPLY CORP. HASTINGS COMPRESSOR STATION , WV WETZEL COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 81WV01
DETERMINATION MADE BY: EPA REGION III (AGENCY); BOB BLASZCZAK (AGENCY CONTACT PERSON); (215)-597-8186 (PHONE)
DATE OF PERMIT ISSUANCE-- 09/14/81
ESTIMATED DATE OF START-UP-- 1982

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
I.C. ENGINE	1600.00 HP	NOX	7.3300 G/SEC NONE	BACT

NOTES --------
RELOCATION OF TWO 1600 HP. COOPER BESSEMER I.C. ENGINES. THIS RELOCATION WASA MAJOR MODIFICATION TO THE COMPRESSOR STATION REC EIVING THE ENGINES. THE ENGINES WERE 16 YEARS OLD AND NATURAL GAS-FIRED. OPERATION LIMITED TO 5600 HRS./YR. CONSOLIDATED GAS SUPPLY CO. REQUESTED A MOD. OF PSD PERMIT FROM USEPA REGION 3 ON 01/11/83. MOD. OF PERMIT WOULD INVOLVE ALTER NATE METHOD OF OPER. OF COMPRESSOR ENGINES & AN INCREASE IN EMISSIONS OF NOX.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE/SIZE: NATURAL GAS COMPRESSORS

COMPANY NAME/SITE LOCATION: EL PASO NATURAL GAS CO., WASHINGTON RAN* WHITES CITY, NM

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. NM-428
DETERMINATION MADE BY: AIR QUALITY BUREAU - NMEID (AGENCY); SHANKAR ANANTHAKRISHNA (AGENCY CONTACT PERSON); (505)-984-0020 (PHONE)

DATE OF PERMIT ISSUANCE-- 05/14/82
ESTIMATED DATE OF START-UP-- 1982

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, I.C. COMPRESSOR	4500.00 HP	NOX	2.4500 G/HP-H	COOPER ENERGY SERVICES	
ENGINE, I.C. COMPRESSOR	4500.00 HP	NOX	2.4500 G/HP-H	COOPER ENERGY SERVICES	

NOTES --------
STACK TEST PERFORMED ON THESE TWO ENGINES BUT NO REPORT RECIEVED YET.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE: NATURAL GAS COMPRESSORS

COMPANY NAME/SITE LOCATION: ENSERCH EXPLORATION CO. , TX
EASTLAND COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. X-4051
DETERMINATION MADE BY: TEXAS ACB (AGENCY) — RANDY HAMILTON (AGENCY CONTACT PERSON) — (512)-451-5711 (PHONE)

DATE OF PERMIT ISSUANCE-- 12/28/82
ESTIMATED DATE OF START-UP-- 1983

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
WHITE SUPERIOR 8G825	780.00 HP				
		NOX	7.7000 T/YR	CATALYTIC CONVERTER	90.00
		CO	5.5000 T/YR		
		VOC	0.7000 T/YR		

NOTES --------
EMISSION LIMITS ARE 1.0 G/HP-H NOX, 0.75 G/HP-H CO, 0.1 G/HP-H VOC.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 05/04/198.

SOURCE TYPE/SIZE: NATURAL GAS COMPRESSORS

COMPANY NAME/SITE LOCATION: GETTY OIL CO. — SKELLYTOWN, TX — CARSON COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. X3878
DETERMINATION MADE BY: TEXAS ACB (AGENCY) — RANDY HAMILTON (AGENCY CONTACT PERSON) — (512)-451-5711 (PHONE)

DATE OF PERMIT ISSUANCE-- 10/12/82
ESTIMATED DATE OF START-UP-- 1983

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SUPERIOR 126TA 'CLEAN BURN' ENG*	2000.00 HP				
		NOX	77.2000 T/YR	COMBUSTION CHAMBER MOD.	
		CO	115.8000 T/YR		
		VOC	8.4000 T/YR		

NOTES --------
2.0 G/HP-H NOX, 3.0 G/HP-H CO, 0.2 G/HP-H VOC

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE NATURAL GAS COMPRESSORS 200.00 MMSCFD

COMPANY NAME/SITE LOCATION LIQUID ENERGY CORP. , TX
WISE COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 9153
DETERMINATION MADE BY TEXAS ACB (AGENCY) KAREN HORNE (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 11/10/82
ESTIMATED DATE OF START-UP-- 1983
(512)-451-5711 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE ENGINE COMPRESSOR, 2 EA	3200.00 HP	NOX	1.7500 G/HP-H		
MEP-8 RECIPROCATING ENGINE COMP*	2000.00 HP	NOX	4.0000 G/HP-H	TURBOCHARGERS	

NOTES --------
THE EFFECTIVENESS OF TURBOCHARGERS HAS NOT BEEN PROVEN BY PERFORMANCE TESTING YET.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 05/04/1984

SOURCE TYPE/SIZE: NATURAL GAS COMPRESSORS

COMPANY NAME/SITE LOCATION: LLANO, INC. — NEAR HOBBS, NM

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. NM-477
DETERMINATION MADE BY: AIR QUALITY BUREAU - NMEID (AGENCY); SHANKAR ANANTHAKRISHNA (AGENCY CONTACT PERSON); (505)-984-0020 (PHONE)

DATE OF PERMIT ISSUANCE-- 06/22/82
ESTIMATED DATE OF START-UP-- 1982

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, I.C. COMPRESSOR	1100.00 HP	NOX	2.2000 G/HP-H	NEW DESIGN	
ENGINE, I.C. COMPRESSOR	1100.00 HP	NOX	2.2000 G/HP-H	NEW DESIGN	
ENGINE, I.C. COMPRESSOR	1100.00 HP	NOX	2.2000 G/HP-H	NEW DESIGN	
ENGINE, I.C. COMPRESSOR	1100.00 HP	NOX	2.2000 G/HP-H	NEW DESIGN	
ENGINE, I.C. COMPRESSOR	1100.00 HP	NOX	2.2000 G/HP-H	NEW DESIGN	

NOTES --------
STACK TESTS, EPA REF. METHOD 7, WERE PERFORMED ON TWO OF THE ABOVE MENTIONED FIVE ENGINES & THE ACTUAL EMISSIONS WERE 0.38 G/HP-H & 1.34 G/HP-H.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/01/1983

SOURCE TYPE/SIZE: NATURAL GAS COMPRESSORS — 4000.00 HP 2 EA

COMPANY NAME/SITE LOCATION: MICHIGAN WISCONSIN PIPE LINE CO. — CHARLTON TOWNSHIP, MI 49000 — OTSEGO COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 660-80
DETERMINATION MADE BY: MICHIGAN DNR (AGENCY) — GREGORY EDWARDS (AGENCY CONTACT PERSON) — (517)-322-1333 (PHONE)

DATE OF PERMIT ISSUANCE-- 11/01/80
ESTIMATED DATE OF START-UP-- 1983

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COMPRESSOR, NAT. GAS, 2 EA	4000.00 HP	NOX	12.3000 G/HP-H COMBUSTION MODIFICATIONS	

NOTES --------
2 NATURAL GAS COMPRESSORS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW 04/01/1983 POST STARTUP 03/13/1984

SOURCE TYPE/SIZE: NATURAL GAS COMPRESSORS — 1669.00 HP

COMPANY NAME/SITE LOCATION: PANHANDLE EAST. PIPELINE CO. , KS
COGNAC STATION — GRANT COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO.
DETERMINATION MADE BY: EPA REGION VII (AGENCY) — STEVE KOVAC (AGENCY CONTACT PERSON) — (816)-374-6525 (PHONE)

DATE OF PERMIT ISSUANCE-- 07/28/80
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
I.C. RECIP. ENGINE, UNIT#3	1669.00 HP	NOX	700.0000 PPM 15% O2 (D)	PRE-IGNITION CHAMBER	BACT

NOTES --------
IF CONSTRUCTION COMMENCES PRIOR TO JANUARY/1982, THE UNIT WILL NOT BE SUBJECT TO PROPOSED SUBPART FF OF THE NSPS REGS. THE PER MIT, HOWEVER, INCORPORATES SEVERAL PROVISIONS OF PROPOSED SUBPART FF AS PERMIT CONDITIONS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: NATURAL GAS COMPRESSORS — 18.00 MHP

COMPANY NAME/SITE LOCATION: PANHANDLE EAST. PIPELINE-FRED. , CO
WELD COUNTY

DETERMINATION IS BACT
PERMIT NO.
DETERMINATION MADE BY: EPA REGION VIII (AGENCY); JOHN DALE (AGENCY CONTACT PERSON); (303)-837-3763 (PHONE)

DATE OF PERMIT ISSUANCE-- 11/25/81
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
REC COMP ENG	4500.00 HP				
		CO			BACT
		VOC			BACT
		NOX	5.5000 G/HP-H		BACT
				ENG MODS	55.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: NATURAL GAS COMPRESSORS — 13746.00 HP

COMPANY NAME/SITE LOCATION: PANHANDLE EAST., FT. LUPTON , CO — WELD COUNTY

DETERMINATION IS BACT
PERMIT NO.
DETERMINATION MADE BY: EPA REGION VIII (AGENCY) — JOHN DALE (AGENCY CONTACT PERSON) — (303)-837-3763 (PHONE)

DATE OF PERMIT ISSUANCE-- 05/29/80
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
REC COMP ENG, 3	2246.00 BRAKE HP EA	NOX	55.0000 LB/H EA	ENG DESIGN & MODIFICATIONS	BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: NATURAL GAS COMPRESSORS

COMPANY NAME/SITE LOCATION: PHILLIPS PETROLEUM CO. , TX
WINKLER COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. X-3903
DETERMINATION MADE BY: TEXAS ACB (AGENCY) — RANDY HAMILTON (AGENCY CONTACT PERSON) — (512)-451-5711 (PHONE)

DATE OF PERMIT ISSUANCE-- 12/15/82
ESTIMATED DATE OF S.ART-UP-- 1982

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
WAUKESHA 6LRZB-9	220.00 HP				
		NOX	23.4000 T/YR	EQUAL NOX-CO CARBURETOR SETTING	
		CO	23.4000 T/YR		
		VOC	4.5000 T/YR		
SUPERIOR 8G825	585.00 HP				
		NOX	62.1000 T/YR		
		CO	62.1000 T/YR		
		VOC	5.4000 T/YR		

NOTES --------
RICH-BURN GAS ENGINES LESS THAN 825 HP DO NOT REQUIRE CATALYTIC CONVERTER CONTROL. EMISSIONS AT 11G NOX/HP-H, 11G CO/HP-H.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 05/04/1984

SOURCE TYPE/SIZE NATURAL GAS COMPRESSORS

COMPANY NAME/SITE LOCATION SANTA FE ENERGY , CA

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 0951
DETERMINATION MADE BY VENTURA COUNTY (AGENCY) KEITH DUVAL (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 12/02/82
ESTIMATED DATE OF START-UP--
(805)-654-2664 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COMPRESSOR, NATURAL GAS	180.00 HP	NOX	150.0000 PPM		

NOTES --------
STATE FILE # A330-030

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

SOURCE TYPE/SIZE: NATURAL GAS COMPRESSORS — 1680.00 HP

COMPANY NAME/SITE LOCATION: SHELL CALIFORNIA PRODUCTION INC., BELL * , CA — KERN COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 2028022
DETERMINATION MADE BY: KERN COUNTY APCD (AGENCY) — TOM PAXSON (AGENCY CONTACT PERSON) — (805)-861-3682 (PHONE)

DATE OF PERMIT ISSUANCE-- 05/29/84
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, COMPRESSOR, NAT. GAS FI*	840.00 HP	NO2	4.0500 LB/H TOTAL CATALYTIC CONVERTER	BACT 90.00

NOTES --------
OPERATIONAL LEVEL, 64% OF DESIGN CAPACITY, OPERATES 24 H/D, 365 D/YR. COST DATA - CONTROL EQUIP. COST $15000, FOR EACH ENGINE, COST EFFECTIVENESS OF CONTROLS 0.2 $/LB. ALSO PERMIT # 2028023.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE/SIZE: NATURAL GAS COMPRESSORS — 2000.00 HP EA

COMPANY NAME/SITE LOCATION: SOUTHERN NAT. GAS, P.O. BOX 2563, BIRMINGHAM, AL 35202, JEFFERSON COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. (REGION FILE NO.) PSD-AL-055
DETERMINATION MADE BY: ALABAMA APCD (AGENCY); SUE ROBERTSON (AGENCY CONTACT PERSON); (205)-834-6570 (PHONE)
DATE OF PERMIT ISSUANCE-- 01/29/80
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
VERT COMPRESSOR ENGINES, 3 EA	6000.00 HP				
		NOX	16.5000 G/HP-H	COMBUSTION CONTROL	BACT

NOTES --------
THREE UNITS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/01/1983

SOURCE TYPE/SIZE: NATURAL GAS COMPRESSORS — 4000.00 HP

COMPANY NAME/SITE LOCATION: SOUTHERN NAT. GAS, P.O. BOX 68 — GALLION, AL 36742 — HALE COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. PSD-AL-074
DETERMINATION MADE BY: ALABAMA APCD (AGENCY); SUE ROBERTSON (AGENCY CONTACT PERSON); (205)-834-6570 (PHONE)

DATE OF PERMIT ISSUANCE-- 06/04/81
ESTIMATED DATE OF START-UP-- 1982

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
VERTICAL COMPRESSOR ENGINE	4000.00 BRAKE HP	NOX	15.0000 G/HP-H EQUIPMENT OPERATION	

NOTES --------
MANUFACTURER EMISSION TEST

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: NATURAL GAS COMPRESSORS — 5000.00 BRAKE HP

COMPANY NAME/SITE LOCATION: SOUTHERN NAT. GAS, P.O. BOX 67 — ELMORE, AL 36025 — ELMORE COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. (REGION FILE NO.) PSD-AL-075
DETERMINATION MADE BY: ALABAMA APCD (AGENCY); SUE ROBERTSON (AGENCY CONTACT PERSON); (205)-834-6570 (PHONE)
DATE OF PERMIT ISSUANCE-- 06/04/81
ESTIMATED DATE OF START-UP-- 1982

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
VERTICAL COMPRESSOR ENGINE	5000.00 BRAKE HP	NOX	15.0000 G/HP-H	EQUIPMENT OPERATION	BACT

NOTES --------
MANUFACTURER EMISSION TEST

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/01/1983

SOURCE TYPE/SIZE: NATURAL GAS COMPRESSORS — 15500.00 HP

COMPANY NAME/SITE LOCATION: TENNESSEE GAS PIPELINE CO. — MARIONVILLE, PA — FOREST COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 27-399-001
DETERMINATION MADE BY: PENNSYLVANIA BAQ, DER (AGENCY) — WILLIAM CHARLTON (AGENCY CONTACT PERSON) — (814)-724-6530 (PHONE)

DATE OF PERMIT ISSUANCE-- 03/01/83
ESTIMATED DATE OF START-UP-- 1983

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
GAS COMPRESSOR	15500.00 HP	NOX	LEAN BURN PROC./AIR-FUEL RATIO ADJUST.	PSD

NOTES --------
EXISTING CAPACITY IS 11500 HP. PROPOSED ADDITIONS ARE 4000 HP. TOTAL CAPACITY WILL BE 15500 HP.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE: NATURAL GAS COMPRESSORS — 2250.00 HP

COMPANY NAME/SITE LOCATION: TRANSCONTINENTAL GAS PIPELINE CORP. — GILLIS, LA, BEAUREGARD PARISH

DETERMINATION IS BACT
PERMIT NO. PSD-LA-506
DETERMINATION MADE BY: LAQD/EPA REGION VI (AGENCY); HARENDRA RAOL (AGENCY CONTACT PERSON); (504)-342-8940 (PHONE)

DATE OF PERMIT ISSUANCE-- 10/14/83
ESTIMATED DATE OF START-UP-- 1983

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, RECIPROCATING COMPRESSOR	2250.00 HP				
		NOX	29.7000 LB/H	CLEAN BURN ENGINE, MOD. COMB. W/CONTRLS	55.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: NATURAL GAS COMPRESSORS

COMPANY NAME/SITE LOCATION: TRANSWESTERN PIPELINE CO., BITTER LAKE * NEAR ROSWELL, NM

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. NM-274-M-2
DETERMINATION MADE BY: AIR QUALITY BUREAU - NMEID (AGENCY); SHANKAR ANANTHAKRISHNA (AGENCY CONTACT PERSON); (505)-984-0020 (PHONE)

DATE OF PERMIT ISSUANCE-- 09/23/82
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, I.C. COMPRESSOR	1596.00 HP	NOX	4.0000 G/HP-H	LOW NOX ENGINE	

NOTES --------
STACK TEST PERFORMED, EPA REF. METHOD 20, RESULTS - 2.96 G/HP-H

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: NATURAL GAS COMPRESSORS

COMPANY NAME/SITE LOCATION: TRANSWESTERN PIPELINE CO., BITTER LAKE * NEAR ROSWELL, NM

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. NM-274-M-1
DETERMINATION MADE BY: AIR QUALITY BUREAU - NMEID (AGENCY); SHANKAR ANANTHAKRISHNA (AGENCY CONTACT PERSON); (505)-984-0020 (PHONE)

DATE OF PERMIT ISSUANCE-- 05/03/82
ESTIMATED DATE OF START-UP-- 1982

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, I.C. COMPRESSOR	1050.00 HP	NOX	5.0000 G/HP-H	LCW NOX ENGINE	

NOTES --------
STACK TEST PERFORMED, EPA REF. METHOD 20, RESULTS - 2.42 G/HP-H

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1933

SOURCE TYPE/SIZE NATURAL GAS COMPRESSORS

COMPANY NAME/SITE LOCATION TRANSWESTERN PIPELINE CO., ISLER NO. 1 * NEAR ROSWELL, NM

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. NM-464
DETERMINATION MADE BY AIR QUALITY BUREAU - NMEID (AGENCY) SHANKAR ANANTHAKRISHNA (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 05/08/82
ESTIMATED DATE OF START-UP-- 1982
(505)-984-0020 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, I.C. COMPRESSOR	1588.00 HP	NOX	4.0000 G/HP-H	LOW NOX ENGINE	

NOTES --------
STACK TEST PERFORMED, EPA REF. METHOD 20, -- RESULTS - 2.06 G/HP-H

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE NATURAL GAS COMPRESSORS

COMPANY NAME/SITE LOCATION TRANSWESTERN PIPELINE CO., KEMNITZ STAT* NEAR MALJAMAR, NM

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. NM-399-M-1
DETERMINATION MADE BY AIR QUALITY BUREAU - NMEID (AGENCY)
SHANKAR ANANTHAKRISHNA (AGENCY CONTACT PERSON)
(505)-984-0020 (PHONE)
DATE OF PERMIT ISSUANCE-- 05/03/82
ESTIMATED DATE OF START-UP-- 1982

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, I.C. COMPRESSOR	1072.00 HP	NOX	5.0000 G/HP-H LOW NOX ENGINE	

NOTES --------
STACK TEST PERFORMED, EPA REF. METHOD 20, -- RESULTS - 4.15 G/HP-H

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE NATURAL GAS COMPRESSORS

COMPANY NAME/SITE LOCATION TRANSWESTERN PIPELINE CO., RED BLUFF ST# NEAR ROSWELL, NM

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. NM-411-M-1
DETERMINATION MADE BY AIR QUALITY BUREAU - NMEID (AGENCY) SHANKAR ANANTHAKRISHNA (AGENCY CONTACT PERSON) (505)-984-0020 (PHONE)
DATE OF PERMIT ISSUANCE-- 05/03/82
ESTIMATED DATE OF START-UP-- 1982

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, I.C. COMPRESSOR	1596.00 HP	NOX	4.0000 G/HP-H	LOW NOX ENGINE	

NOTES --------
STACK TEST PERFORMED, EPA REF. METHOD 20, RESULTS -- 3.58 G/HP-H

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE/SIZE: NATURAL GAS COMPRESSORS

COMPANY NAME/SITE LOCATION: TRANSWESTERN PIPELINE CO., RED BLUFF ST* NEAR ROSWELL, NM

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. NM-412-M-1
DETERMINATION MADE BY: AIR QUALITY BUREAU - NMEID (AGENCY); SHANKAR ANANTHAKRISHNA (AGENCY CONTACT PERSON); (505)-984-0020 (PHONE)

DATE OF PERMIT ISSUANCE-- 05/03/82
ESTIMATED DATE OF START-UP-- 1982

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, I.C. COMPRESSOR	1073.00 HP	NOX	5.0000 G/HP-H LOW NOX ENGINE	

NOTES --------
STACK TEST PERFORMED, EPA REF. METHOD 20, RESULTS -- 2.4 G/HP-H

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: NATURAL GAS COMPRESSORS

COMPANY NAME/SITE LOCATION: TRANSWESTERN PIPELINE CO., RED BLUFF ST* NEAR ROSWELL, NM

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. NM-413-M-1
DETERMINATION MADE BY: AIR QUALITY BUREAU - NMEID (AGENCY); SHANKAR ANANTHAKRISHNA (AGENCY CONTACT PERSON); (505)-984-0020 (PHONE)

DATE OF PERMIT ISSUANCE-- 05/03/82
ESTIMATED DATE OF START-UP-- 1982

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, I.C. COMPRESSOR	1588.00 HP	NOX	4.0000 G/HP-H LOW NOX ENGINE	

NOTES --------
STACK TEST PERFORMED, EPA REF. METHOD 20, RESULTS -- 2.51 G/HP-H

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: NATURAL GAS COMPRESSORS

COMPANY NAME/SITE LOCATION: TRANSWESTERN PIPELINE CO., RED BLUFF ST* NEAR ROSWELL, NM

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. NM-414-M-1
DETERMINATION MADE BY: AIR QUALITY BUREAU - NMEID (AGENCY); SHANKAR ANANTHAKRISHNA (AGENCY CONTACT PERSON); (505)-984-0020 (PHONE)

DATE OF PERMIT ISSUANCE-- 05/03/82
ESTIMATED DATE OF START-UP-- 1982

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, I.C. COMPRESSOR	2647.00 HP	NOX	4.0000 G/HP-H	LOW NOX ENGINE	

NOTES --------
STACK TEST PERFORMED, EPA REF. METHOD 20, RESULTS -- 0.82 G/HP-H

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: NATURAL GAS COMPRESSORS

COMPANY NAME/SITE LOCATION: TRANSWESTERN PIPELINE CO., RED BLUFF ST* NEAR ROSWELL, NM

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. NM-415-M-1
DETERMINATION MADE BY: AIR QUALITY BUREAU - NMEID (AGENCY); SHANKAR ANANTHAKRISHNA (AGENCY CONTACT PERSON); (505)-984-0020 (PHONE)

DATE OF PERMIT ISSUANCE-- 05/03/82
ESTIMATED DATE OF START-UP-- 1982

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, I.C. COMPRESSOR	2585.00 HP	NOX	5.0000 G/HP-H LOW NOX ENGINE	

NOTES --------
STACK TEST PERFORMED, EPA REF. METHOD 20, RESULTS -- 3.2 G/HP-H

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: NATURAL GAS COMPRESSORS

COMPANY NAME/SITE LOCATION: TRANSWSTERN PIPELINE CO., MALJAMAR STAT* NEAR MALJAMAR, NM

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. NM-387-M-1
DETERMINATION MADE BY: AIR QUALITY BUREAU - NMEID (AGENCY); SHANKAR ANANTHAKRISHNA (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 05/03/82
ESTIMATED DATE OF START-UP-- 1982
(505)-984-0020 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, I.C. COMPRESSOR	1073.00 HP	NOX	5.0000 G/HP-H LOW NOX ENGINE	

NOTES --------
STACK TEST PERRFORMED, EPA RREF. METHOD 20, -- RESULTS - 3.93 G/HP-H

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE NATURAL GAS COMPRESSORS 3000.00 HP

COMPANY NAME/SITE LOCATION VALERO TRANSMISSION CO. OLD OCEAN, TX BRAZORIA COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. X-3603
DETERMINATION MADE BY TEXAS ACB (AGENCY) RANDY HAMILTON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 09/09/82
ESTIMATED DATE OF START-UP-- 1982
(512)-451-5711 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
GAS COMPRESSORS, 3	1000.00 HP EA	NOX	34.8000 T/YR		
		CO	64.4000 T/YR		
		VOC	0.7000 T/YR		

NOTES --------
GAS TURBINES INHERENTLY CLEAN-BURNING WITH RESPECT TO NOX EMISSIONS. EMISSIONS OF NOX BASED ON 1.2 G/HP-H

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE CODE 3.2

SOURCE TYPE/SIZE NATURAL GAS COMPRESSORS

COMPANY NAME/SITE LOCATION WESTAR TRANSMISSION CO. , TX POTTER COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. X-3990
DETERMINATION MADE BY TEXAS ACB (AGENCY) RANDY HAMILTON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 12/07/82
ESTIMATED DATE OF START-UP-- 1982
(512)-451-5711 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SUPERIOR 8GTLA	1100.00 HP	NOX	21.2000 T/YR	COMBUSTION CHAMBER MODIFICATION	
		CO	21.2000 T/YR		
		VOC	7.9000 T/YR		

NOTES --------
EMISSION LIMITS ARE 2.0 G/HP-H NOX, 2.0 G/HP-H CO, 0.75 G/HP-H VOC.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 05/04/1984

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION — 6.50 MW

COMPANY NAME/SITE LOCATION: AMERICAN COGENERATION CO. , CA — KERN COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 4147008-012
DETERMINATION MADE BY: KERN COUNTY APCD (AGENCY) — TOM PAXSON (AGENCY CONTACT PERSON) — (805)-661-3682 (PHONE)

DATE OF PERMIT ISSUANCE-- 12/28/84
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
GAS TURBINE, 5 CRUDE OIL FIRED,*	1.30 MW	NOX	0.0700 LB/MMBTU	SEL. CATALYTIC RED. W/AMMONIA REDUCING AGENT	BACT 92.00

NOTES --------
OPERATES 24 H/D, 7 D/WK, 52 WK/YR

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION

COMPANY NAME/SITE LOCATION: ARGO PETROLEUM, FERNDALE LEASE , CA

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 0390
DETERMINATION MADE BY: VENTURA COUNTY (AGENCY); KEITH DUVAL (AGENCY CONTACT PERSON); DATE OF PERMIT ISSUANCE-- 09/30/83; ESTIMATED DATE OF START-UP--; (805)-654-2664 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
I.C. ENGINE, NATURAL GAS	200.00 HP	NOX	50.0000 PPM CATALYTIC REDUCTION	96.70

NOTES --------
STATE FILE # A330-031

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION — 540.00 MW

COMPANY NAME/SITE LOCATION: CAJUN ELECT. POWER COOP. — NEW ROADS, LA — POINTE COUPE PARISH

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. (REGION FILE NO.) PSD-LA-062
DETERMINATION MADE BY: EPA REGION VI (AGENCY) — JOHN BUNYAK (AGENCY CONTACT PERSON) — (214)-767-1594 (PHONE)

DATE OF PERMIT ISSUANCE-- 03/30/78
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, COAL FIRED	540.00 MW	SO2		LOW SULFUR WESTERN COAL	
		PM			

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/01/1983

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION — 6000.00 KW

COMPANY NAME/SITE LOCATION: CITY OF AUGUSTA (MUNICIPAL ELECT. SYS, PLANT * — AUGUSTA, KS — BUTLER COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO.
DETERMINATION MADE BY: EPA REGION VII (AGENCY) — STEVE KOVAC (AGENCY CONTACT PERSON) — (816)-374-6525 (PHONE)

DATE OF PERMIT ISSUANCE-- 05/29/81
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
DUAL FUEL ENGINE, GEN. UNIT #10	6000.00 KW				
		NOX	1150.0000 PPM 15% O2 (D)		TEST
		SO2		FUEL STANDARD	NAAQ
				FUEL OIL S CONTENT-0.7% BY WT.	
		CO			NAAQ

NOTES --------
THE UNIT WILL NOT BE SUBJECT TO PROPOSED SUBPART FF OF THE NSPS REGULATIONS, WHEN PROMULGATED. THE PERMIT, HOWEVER, INCORPORATES SEVERAL PROVISIONS (E.G., PERFORMANCE TEST PROCEDURES, MONITORING OF EMISSIONS, ETC.) OF PROPOSED SUBPART FF AS PERMIT CONDITIONS. TEST DATA USED TO SET NOX STANDARD.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION — 18611.00 HP

COMPANY NAME/SITE LOCATION: CITY OF KINGMAN, P.O. BOX 168 — KINGMAN, KS 67068 — KINGMAN COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO.
DETERMINATION MADE BY: EPA REGION VII (AGENCY) — CHARLES WHITMORE (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 03/01/83
ESTIMATED DATE OF START-UP-- 1983
(816)-374-6525 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
IC ENGINE, DUAL FUEL, UNIT 8	3495.00 HP	NOX	1150.0000 PPMV, 15% O2, DRY	EFFICIENT OPERATION OF THE UNIT	BACT

NOTES --------
THE UNIT, A COOPER-BESSEMER MODEL LSV-12-GDT, WAS PREVIOUSLY OPERATED SINCE 1963 BY ANOTHER MUNICIPAL UTILITY. TO ENSURE THAT SO2 EMISSIONS WILL NOT INCREASE BY A "SIGNIFICANT" AMOUNT,
THE AMOUNT OF DISTILLATE FUEL OIL WHICH MAY BE COMBUSTED IS LIMITED TO 10% OF THE TOTAL ANNUAL HEAT INPUT FOR THE UNIT.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/01/1983

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION — 16624.00 HP (TOTAL, TO BE AD*

COMPANY NAME/SITE LOCATION: CITY OF OTTAWA — OTTAWA, KS — FRANKLIN COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO.
DETERMINATION MADE BY: EPA REGION VII (AGENCY) — STEVE KOVAC (AGENCY CONTACT PERSON) — (816)-374-6525 (PHONE)

DATE OF PERMIT ISSUANCE-- 12/02/80
ESTIMATED DATE OF START-UP-- 1980

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
RECIP. ENGINES, 2 DUAL-FIRED I.*	6000.00 KW EA				
		NOX	1150.0000 PPM 15% O2 (D)		BACT
		SO2		FUEL STANDARD	
				S IN FUEL LIM. TO 0.5% BY WT.	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION — 90.00 MW

COMPANY NAME/SITE LOCATION: EMPIRE DIST. ELECT. CO. LARUSSELL STATION , MO — LAWRENCE COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO.
DETERMINATION MADE BY: EPA REGION VII (AGENCY) — DANIEL RODRIGUEZ (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 01/07/81
ESTIMATED DATE OF START-UP--
(816)-374-6525 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COMBUSTION TURBINE, SIMPLE-CYC,*	1056.00 MMBTU/H (MA*	NOX	130.0000	PPMV, 15% O2, (ISO)-STAND. DAY COND. DESIGN	BACT
		CO	56.0000	LB/H	BACT
			21.0000	PPMV	
		SO2		FUEL STANDARD SEE NOTE	

NOTES --------
THE UNIT IS NOT SUBJECT TO NSPS, SUBPART GG. THE % S CONTENT OF THE FUEL TO BE BURNED IN UNIT 2 IS LIMITED BY PERMIT CONDITION S TO 0.8%, BY WT. THE NOX AND CO/BACT LIMITS WERE DERIVED FROM INFO. PROVIDED BY THE TURBINE MANUFACTURER.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE OTHER INTERNAL COMBUSTION

COMPANY NAME/SITE LOCATION EXXON CORP. CONROE, TX MONTGOMERY COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 9484
DETERMINATION MADE BY TEXAS ACB (AGENCY) RANDY HAMILTON (AGENCY CONTACT PERSON) (512)-451-5711 (PHONE)

DATE OF PERMIT ISSUANCE-- 01/29/85
ESTIMATED DATE OF START-UP-- 1985

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, GAS FIRED RECIP.	1200.00 HP	NOX	5.0000 G/HP-H	CATALYTIC CONVERTER	BACT 50.00
ENGINE, GAS FIRED RECIP.	1000.00 HP	NOX	5.0000 G/H.P-H	CATALYTIC CONVERTER	BACT 50.00

NOTES --------
WAUKESHA P9390GSI, 1200 HP, & L7042GSI, 1000 HP. PERMIT REQUIRES MINIMUM OF 50% REDUCTION OF NOX. HIGHER INITIAL REDUCTIONS EXPECTED.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION — 252.00 MW

COMPANY NAME/SITE LOCATION: FLORIDA POWER — AVON PARK, FL 33733 — HIGHLANDS COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. FL 017
DETERMINATION MADE BY: FLORIDA DER (AGENCY) — ED PALAGYI (AGENCY CONTACT PERSON) — (904)-488-1344 (PHONE)
DATE OF PERMIT ISSUANCE-- 01/21/81
ESTIMATED DATE OF START-UP-- 1982

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE PEAKING UNITS, 4 EA	63.00 MW	SO2	379.0000 LB/H EA 284.0000 T/YR	0.5% S FUEL OIL	BACT
		NOX	250.0000 LB/H 187.0000 T/YR	WATER INJECTION	NSPS
		CO	86.0000 LB/H 64.0000 T/YR	CONTROLLED COMBUSTION	BACT

NOTES --------
MAXIMUN 1500 HPS OPERATION PER YEAR FOR EACH TURBINE.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW 04/01/1983 POST STARTUP 01/25/1984

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION

COMPANY NAME/SITE LOCATION: GENERAL MOTORS CORP., PROVING GROUNDS — MILFORD, MI

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 27-84
DETERMINATION MADE BY: MICHIGAN DNR (AGENCY); KENNETH TERRY (AGENCY CONTACT PERSON); (517)-322-1333 (PHONE)

DATE OF PERMIT ISSUANCE-- 03/14/84
ESTIMATED DATE OF START-UP-- 1983

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
DYNAMOMETER, CAR/TRUCK TESTING		VE	20.0000 % OPACITY	FILTER TOWER, SEE NOTE	

NOTES --------
ONLY BEING USED WHEN 5 OR MORE ENGINES ARE SIMULTANEOUSLY RUNNING OR AN OPACITY PROBLEM EXISTS, OR APPROXIMATELY 1/2 HR PER DA
Y & 3 1/2 HR PER WEEK.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION — 2672.00 MMBTU/H

COMPANY NAME/SITE LOCATION: GULF STATES UTILITY, 13 MI. S. BATON ROUGE — BATON ROUGE, LA — IBERVILLE PARISH

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. (REGION FILE NO.) PSD-LA-292
DETERMINATION MADE BY: EPA REGION VI (AGENCY) — JOHN BUNYAK (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 01/30/81
ESTIMATED DATE OF START-UP--
(214)-767-1594 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COMBUSTION TURBINE(2)	1336.00 MMBTU/H	SO2	5.5000 LB/H 0.0040 LB/MMBTU GAS	NATURAL GAS FIRING	NSPS
		NOX	334.0000 LB/H 0.2500 LB/MMBTU GAS	STEAM/WATER INJECTION	BACT
		CO	125.0000 LB/H 0.0900 LB/MMBTU GAS	COMBUSTION CONTROLS	BACT
		PM	1.0000 LB/H 0.0010 LB/MMBTU GAS	NATURAL GAS FIRING	NSPS
		SO2	296.0000 LB/H 0.2200 LB/MMBTU OIL	.28% S. FUEL OIL	NSPS
		NOX	362.0000 LB/H 0.2700 LB/MMBTU OIL	STEAM/WATER INJECTION	BACT
		CO	216.0000 LB/H 0.1600 LB/MMBTU OIL	COMBUSTION CONTROLS	BACT
		PM	33.0000 LB/H 0.0250 LB/MMBTU OIL	.1% ASH FUEL OIL	

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE CODE 3.3

(CONTINUED) GULF STATES UTILITY

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)					

NOTES --------
TWO COMBUSTION TURBINES ARE PERMITTED TO FIRE EITHER NATURAL GAS OR FUEL OIL.

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION 100.00 MW

COMPANY NAME/SITE LOCATION: GULF STATES UTILITY
6 MI NW OF LAKE CHARLES
LAKE CHARLES, LA
CALCASIEU PARISH

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. (REGION FILE NO.) PSD-LA-294
DETERMINATION MADE BY EPA REGION VI (AGENCY)
JOHN BUNYAK (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 12/22/80
ESTIMATED DATE OF START-UP--
(214)-767-1594 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE	1396.00 MMBTU/H	SO2	0.3500 LB/MMBTU OIL		NSPS
			0.0010 LB/MMBTU GAS		
				LOW SULFUR OIL (0.46%)	
		NOX	0.2600 LB/MMBTU OIL		NSPS
			0.2500 LB/MMBTU GAS		
				WATER/STEAM INJECTION	60.00
		CO	0.1600 LB/MMBTU OIL		BACT
			0.0900 LB/MMBTU GAS		
				EFFICIENT DESIGN	
		PM	0.0900 LB/MMBTU OIL		BACT
			0.0010 LB/MMBTU GAS		
				LOW ASH OIL (0.1%)	

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION — 23.30 MKW

COMPANY NAME/SITE LOCATION: HOFFMANN-LAROCHE, INC.
MANUNKACHUNK AVENUE
BELVIDERE, NJ 07823
WARREN COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO.
DETERMINATION MADE BY: EPA REGION II (AGENCY) — LARRY KARAS (AGENCY CONTACT PERSON) — (212)-264-9538 (PHONE)
DATE OF PERMIT ISSUANCE-- 08/17/81
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... FCT EFF
DIESEL ENGINE, W/WASTE HEAT BOI*	23.30 MKW	NOX	2272.0000 T/YR	WASTE HEAT BOILER RETARD. FUEL INJ. TIMING	NSPS

NOTES --------
SPECIFIC LIMITATIONS IN TERMS OF CAPACITY SHALL BE MET (AS PERMIT CONDITIONS) FOR THE OPERATION OF THE DIESEL COGENERATION FACILITY IN COMBINATION WITH SOME OF THE FIVE EXISTING BOILERS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/01/1983

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION

COMPANY NAME/SITE LOCATION: KILN-GAS R & D INC. — WOOD RIVER, IL — MADISON COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 82 07 0021
DETERMINATION MADE BY: ILLINOIS EPA (AGENCY) — CHRIS ROMAINE (AGENCY CONTACT PERSON) — (217)-782-2113 (PHONE)

DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP-- 1984

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, COAL GAS FIRED		SO2	150.0000 PPM	PURIFICATION OF PRODUCT GAS	NSPS
		NOX	75.0000 PPM	PURIFICATION OF PRODUCT GAS	NSPS
		CO	290.0000 LB/H	EQUIPMENT DESIGN	

NOTES --------
TURBINE IS TO BE USED IN A 3 YR EXPERIMENTAL PROGRAM IN ASSOCIATION WITH A 600 TON PER DAY COAL GASIFICATION DEMONSTRATION PROJECT.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION

COMPANY NAME/SITE LOCATION: MUNICIPAL GENERATING PLANT — BELOIT, KS

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO.
DETERMINATION MADE BY: EPA REGION VII (AGENCY); STEVE KOVAC (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP--
(816)-374-6525 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE-GENERATOR	6000.00 KW				
		NOX	1150.0000	PPMV 15% O2, DRY BASIS	
		SO2		FUEL STANDARD	
				S CONTENT LIM. TO 0.7% BY WT.	
		CO			

NOTES --------
TEST DATA USED TO ESTABLISH NOX STANDARD

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION — 250.00 MW

COMPANY NAME/SITE LOCATION: NEVADA PWR CO./REID GARDNER STATION — MOAPA, NV

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. (REGION FILE NO.) NV 79-03
DETERMINATION MADE BY: EPA REGION IX (AGENCY); JIM HANSON (AGENCY CONTACT PERSON); (415)-974-8038 (PHONE)

DATE OF PERMIT ISSUANCE-- 01/03/80
ESTIMATED DATE OF START-UP-- 1983

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
GENERATOR	250.00 MW				
		SO2	0.2900 LB/MMBTU	WET SCRUBBER	85.00
		NOX	0.5000 LB/MMBTU SB. COAL 0.6000 LB/MMBTU BIT. COAL	PROPER BOILER DESIGN & OPER.	
		PM	0.0300 LB/MMBTU	BAGHOUSE	99.60

NOTES --------
ALL EMISSION LIMITS ARE BASED ON: NSPS, AND BACT DETERMINED BY TECHNOLOGY ANDECONIMICS. ADDITION OF GENERATOR TO AN EXISTING F
ACILITY.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983 02/13/1984

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION — 4.20 MMCF/YR

COMPANY NAME/SITE LOCATION: ORGANIC FUEL PRODUCTION, INC. , TX
LUBBOCK COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. X-4141
DETERMINATION MADE BY: TEXAS ACB (AGENCY) — GARY WALLIN (AGENCY CONTACT PERSON) — (512)-451-5711 (PHONE)

DATE OF PERMIT ISSUANCE-- 02/16/83
ESTIMATED DATE OF START-UP-- 1983

PROCESSES SUBJECT TO THIS PERMIT	THRCUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
DIGESTERS, 7	4.20 MMCF/YR				
		PM	0.0100 T/YR		
		SO2	0.0020 T/YR	IRON SPONGE	
		NOX	0.2100 T/YR		

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 05/04/1984

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION — 4130.00 HP

COMPANY NAME/SITE LOCATION: P G & E - LOS MEDANOS COMPRESSORS — BAY AREA, CA

DETERMINATION IS LAER FOR A NEW SOURCE.
PERMIT NO. 27512
DETERMINATION MADE BY: BAY AREA AQMD (AGENCY) — JOHN LAIRD (AGENCY CONTACT PERSON) — (415)-771-6000 (PHONE)

DATE OF PERMIT ISSUANCE-- 01/08/81
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
I.C. ENGINE, NAT. GAS FIRED	4130.00 HP				
		NOX	1.7500 G/HP-H		LAER
			275.0000 LB/D		
				ENGINE MOD. & STRATIFIED CHARGE	

NOTES --------
OPERATES 24 H/D, 7 D/WK, 50 WK/YR. STACK TEST WAS DONE - P G & E SOURCE TEST NUMBER 453-82.10

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

SOURCE TYPE/SIZE OTHER INTERNAL COMBUSTION

COMPANY NAME/SITE LOCATION PACIFIC ENERGY RESOURCES , CA KERN COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 0083001
DETERMINATION MADE BY KERN COUNTY APCD (AGENCY) TOM PAXSON (AGENCY CONTACT PERSON) (805)-861-3682 (PHONE)
DATE OF PERMIT ISSUANCE-- 11/14/84
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
I.C. ENGINE, GAS FIRED	2650.00 HP	NOX	8.2500 LB/H	CLEAN BURNING	60.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION — 1490.00 KW

COMPANY NAME/SITE LOCATION: PACIFIC LIGHTING ENERGY SYSTEMS , CA

DETERMINATION IS LAER FOR A NEW SOURCE.
PERMIT NO. A/C 3158
DETERMINATION MADE BY: MONTEREY BAY UNIFIED APCD (AGENCY) — FRED THOITS (AGENCY CONTACT PERSON) — (408)-443-1135 (PHONE)

DATE OF PERMIT ISSUANCE-- 01/28/85
ESTIMATED DATE OF START-UP-- 1985

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
I.C. ENGINE, LANDFILL GAS FIRED	2000.00 BNP	NOX	1.5000 G/HP-H 6.2500 LB/H	ENGINE DESIGN, CLEAN BURN	LAER

NOTES --------
OPERATES 24 H/D, 365 D/YR

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION — 160.00 MHP

COMPANY NAME/SITE LOCATION: PRUDHOE BAY CONSORTIUM — PRUDHOE BAY, AK

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. (REGION FILE NO.) PSD-X81-13
DETERMINATION MADE BY: EPA REGION X (AGENCY) — PAUL BOYS (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 12/17/80
ESTIMATED DATE OF START-UP--
(206)-442-1193 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
GAS TURBINE, 10	16.00 MHP EA				
		NOX	150.0000 PPM	DRY CONTROLS	BACT
		CO	109.0000 LB/MMSCF FUEL	MONTGOMERY PROPER COMBST. COND.	BACT
GAS HEATERS					
		NOX	0.0800 LB/MMBTU	LOW NOX BURNERS	BACT
		CO	0.0160 LB/MMBTU	MONTGOMERY PROPER COMBST. COND.	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION — 2635.00 KW

COMPANY NAME/SITE LOCATION: SANTA CRUZ COGENERATION ASSOC. — SANTA CRUZ, CA

DETERMINATION IS LAER FOR A MODIFIED SOURCE.
PERMIT NO. A/C 3048
DETERMINATION MADE BY: MONTEREY BAY UNIFIED APCD (AGENCY); B. NISHIMURA (AGENCY CONTACT PERSON); (408)-443-1135 (PHONE)

DATE OF PERMIT ISSUANCE-- 07/23/84
ESTIMATED DATE OF START-UP-- 1985

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
I.C. ENGINE, DIESEL FUEL	3656.00 BHP				
		NOX	3.7000 G/HP-H 29.8000 LB/H	ENGINE DESIGN	LAER
		NOX	715.0000 LB/D	ENGINE DESIGN	LAER

NOTES --------
EQUIPMENT CONSTRAINT ON DIESEL FUEL STAND-BY FIRING CAPABILITY DUE TO UNIV. RESEARCH. OPERATES 7 D/WK, 52 WK/YR

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION

COMPANY NAME/SITE LOCATION: SEA WORLD, INC.
1720 SOUTH SHORES RD.
SAN DIEGO, CA 92109

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 7801
DETERMINATION MADE BY: SAN DIEGO APCD (AGENCY); GUS ANDERSON (AGENCY CONTACT PERSON); (619)-565-3925 (PHONE)
DATE OF PERMIT ISSUANCE-- 06/11/82
ESTIMATED DATE OF START-UP-- 1981

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
I.C. PISTON ENGINE	7.10 MMBTU/H				
		NOX	1.8000 LB/MMBTU SEE NOTE	SINGLE STAGE CATALYTIC CONVERTER	
		CO	1.5000 LB/MMBTU SEE NOTE	SINGLE STAGE CATALYTIC CONVERTER	

NOTES --------
COGENERATION UNIT CONSISTING OF 930 BHP I.C. PISTON ENGINE, NATURAL GAS FUELED, 630 KW ELECTRIC GENERATOR AND EQUIPPED FOR WAS
TE HEAT RECOVERY.
BEFORE USING THE EMISSION UNITS SHOWN, THE SAN DIEGO AGENCY SHOULD BE CONTACTED.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/01/1983

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION

COMPANY NAME/SITE LOCATION: SEA WORLD, INC. 1720 SOUTH SHORES RD. SAN DIEGO, CA 92109

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 8134
DETERMINATION MADE BY: SAN DIEGO APCD (AGENCY) GUS ANDERSON (AGENCY CONTACT PERSON) (619)-565-3925 (PHONE)

DATE OF PERMIT ISSUANCE-- 05/12/83
ESTIMATED DATE OF START-UP-- 1983

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
I.C. PISTON ENGINE	7.10 MMBTU/H	NOX	0.2480 LB/MMBTU	2 STAGE CATALYTIC CONVERTER	90.00
		CO	0.2300 LB/MMBTU	2 STAGE CATALYTIC CONVERTER	90.00

NOTES --------
COGENERATION UNIT CONSISTING OF 930 BHP I.C. PISTON ENGINE, NATURAL GAS FUELED, 630 KW ELECTRIC GENERATOR AND EQUIPPED FOR WAS TE HEAT RECOVERY. PERMIT PENDING

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION — 40.00 MW

COMPANY NAME/SITE LOCATION: SEBRING UTILITIES COMMISSION
368 S. COMMERCE AVE. P.O. BOX* — SEBRING, FL 33870 — HIGHLANDS COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. (PEGION FILE NO.) PSD-FL-071
DETERMINATION MADE BY: FLORIDA DER (AGENCY) — ED PALASYI (AGENCY CONTACT PERSON) (904)-488-1344 (PHONE)

DATE OF PERMIT ISSUANCE-- 04/03/81
ESTIMATED DATE OF START-UP-- 1983

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
DIESEL ENGINES	19.53 MW EA	NOX	819.0000 PPMV	COMBUSTION CONTROL	NSPS
		SO2	2.6700 LB/MMBTU	2.5% SULFUR OIL	BACT
		PM	0.1000 LB/MMBTU	COMBUSTION CONTROL	BACT
		CO	0.5750 LB/MMBTU	EQUIPMENT OPERATION	NSPS
		VOC	0.2600 LB/MMBTU	EQUIPMENT OPERATION	NSPS

NOTES --------
HUGE SLOW-SPEED RECIPROCATING INTERNAL COMBUSTION ENGINES TO DRIVE ELECTRICAL GENERATORS.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983 01/25/1984

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE CODE 3.3

SOURCE TYPE/SIZE OTHER INTERNAL COMBUSTION 27.50 MMCFD

COMPANY NAME/SITE LOCATION SHELL OIL CO. NEAR MCCAMEY, TX UPTON COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. (REGION FILE NO.) PSD-TX-360
DETERMINATION MADE BY EPA REGION VI (AGENCY) BILL TAYLOR (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 03/27/81
ESTIMATED DATE OF START-UP-- 1981
(214)-767-1594 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
I.C. ENGINES, RECIPROCATING FUE*	1215.00 HP	NOX	10.0000 G/HP-H	DERATED OLD ENGINES	BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/01/1983

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION — 2200.00 KW

COMPANY NAME/SITE LOCATION: SOLEDAD COGENERATION ASSOC. , CA

DETERMINATION IS LAER FOR A NEW SOURCE.
PERMIT NO. A/C 3043, 4
DETERMINATION MADE BY: MONTEREY BAY UNIFIED APCD (AGENCY); R. NISHIMURA (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 03/05/84
ESTIMATED DATE OF START-UP--
(408)-443-1135 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
I.C. ENGINE, 2,NAT. GAS COGENER*	1100.00 KW EA	NOX	1.0000 G/BHP-H 4.7000 LB/H CATALYTIC CONVERTER	LAER

NOTES --------
OPERATES 24 H/D, 365 D/YR

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION — 12000.00 KW

COMPANY NAME/SITE LOCATION: TRENTON DISTRICT ENERGY CO. — TRENTON, NJ
S. WARREN BET. LIVINGSTON & F* — MERCER COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO.
DETERMINATION MADE BY: EPA REGION II (AGENCY) — LARRY KARAS (AGENCY CONTACT PERSON) — (212)-264-9538 (PHONE)
DATE OF PERMIT ISSUANCE-- 10/29/81
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
DIESEL ENGINES, W/2 SUP. FIRED *	6.00 MKW EA				
		PM	71.0000 T/YR	SUPPLEMENTARY FIRED BOILERS PROPER COMBST. OF EXAUST GASES	
		SO2	482.0000 T/YR	LOW SULFER FUEL LOW SULFUR FUEL	SIP
		NOX	1869.0000 T/YR	USE OF MANUFACT. ENG. MOD.	DESI

NOTES --------
GOOD COMBUSTION PRACTICE & USE OF LOW SULFUR FUEL OIL, 0.5% BY WT., & USE OF NATURAL GAS AS AVAILABLE,ARE REQUIRED FOR WASTE H
EAT BOILERS. BASIS FOR PM CONTROL IS CONTROL EQUIPMENT.
BASIS FOR PM CONTROL IS CONTROL EQUIPMENT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: SURFACE COATING - CANS/COILS

COMPANY NAME/SITE LOCATION: BALL METAL CONTAINER GROUP — EAST FINDLAY, OH

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 03-1025
DETERMINATION MADE BY: OHIO EPA NWD (AGENCY) — DON WALTERMEYER (AGENCY CONTACT PERSON) — (419)-352-8461 (PHONE)

DATE OF PERMIT ISSUANCE-- 04/10/81
ESTIMATED DATE OF START-UP-- 1981

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
EXTERIOR BASE OPERATION	300.00 MM CANS/LIN*	VOC	0.3600 KG/L COATING SOLIDS	THERMAL INCINERATOR	NSPS 85.00
INTERNAL COAT	300.00 MM CANS/LIN*	VOC	0.5400 LB/GAL COATING MINUS H2O		BACT

NOTES --------
PERMIT REQUIRES THAT VOC EMISSIONS SHALL NOT EXCEED ANY NSPS LIMITS APPLICABLE TO BEVERAGE CAN SURFACE COATING. IT REQUIRES THE SOURCE TO NOTIFY OF 1) CONSTRUCTION DATE, 2) ANTICIPATED STARTUP DATE, 3) ACTUAL STARTUP DATE, AND 4) DATE OF PERFORMANCE TESTING

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: SURFACE COATING - CANS/COILS

COMPANY NAME/SITE LOCATION: CONTINENTAL CAN CO., USA PLANT #82 — WEST CARROLLTON, OH

DETERMINATION IS LAER FOR A NEW SOURCE.
PERMIT NO. 0857101741
DETERMINATION MADE BY: REGIONAL APCA (AGENCY) — JAMES GROSS (AGENCY CONTACT PERSON) — (513)-225-4435 (PHONE)

DATE OF PERMIT ISSUANCE-- 07/01/83
ESTIMATED DATE OF START-UP-- 1983

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
END SEAM COMPOUND	4.70 GAL/H	VOC	3.0900 LB/GAL COMPOUND, MINUS H2O 38.1600 T/YR	TECH

NOTES --------
PHASED INSTALLATION OF 4 LINES, 4 MACHINES EA., WILL OCCUR IN A 6 MONTH PERIOD. IN APRIL, 1984, CONTINENTAL CAN WILL BEGAIN EM
PLOYING A NEW END SEAM COMPOUND
WHICH WILL BE COMPOSED OF A VOC CONTENT LESS THAN 3.09 LB/GAL, MINUS WATER.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE/SIZE: SURFACE COATING - CANS/COILS

COMPANY NAME/SITE LOCATION: EVANS COOPERAGE CO., INC. — TULSA, OK

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. T82-31
DETERMINATION MADE BY: TULSA CITY-COUNTY HEALTH DEPT (AGENCY) — JIM VAN SANDT (AGENCY CONTACT PERSON) — (918)-744-1000 (PHONE)

DATE OF PERMIT ISSUANCE-- 05/04/82
ESTIMATED DATE OF START-UP-- 1983

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
HAND SPRAY DRUM PAINTING	72.00 DRUMS/H	VOC	15.6600 LB/H	HIGH SOLIDS PAINT,43.9% SOLIDS	12.90

NOTES ---------
1) VOC REDUCTION IN PAINTS BACT BECAUSE OF ECONOMIC FACTOR. ANY OTHER CONTROLS WOULD HAVE COST 50% OF THE TOTAL INVESTMENT.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: SURFACE COATING - CANS/COILS — 600.00 MM CANS/YR

COMPANY NAME/SITE LOCATION: MILLER BREWING CO. — MOULTRIE, GA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 3411-035-6906-C
DETERMINATION MADE BY: GEORGIA EPD (AGENCY); HAI CHANG (AGENCY CONTACT PERSON); (404)-656-6900 (PHONE)

DATE OF PERMIT ISSUANCE-- 07/02/79
ESTIMATED DATE OF START-UP-- 1981

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BASE COATING	298.00 T/YR	VOC	1.8500 LB/GAL COATING MINUS H2O	LOW SOLVENT COATING	
INTERIOR BODY SPRAYING	182.00 T/YR	VOC	3.9900 LB/GAL COATING MINUS H2O	LOW SOLVENT COATING	
OVERVARNISH	76.00 T/YR	VOC	2.3300 LB/GAL COATING MINUS H2O	LOW SOLVENT COATING	
END SEALING COMPOUND	66.00 T/YR	VOC	3.7000 LB/GAL COATING MINUS H2O	LOW SOLVENT COATING	

NOTES --------
PLANT CURRENTLY DOES NOT PREFORM ANY BASE COATING OPERATION. COMPLIANCE COATINGS ARE NOW BEING USED FOR THE OTHER THREE COATIN
G OPERATIONS.

INITIAL REVIEW POST STARTUP
(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE. REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: SURFACE COATING - CANS/COILS

COMPANY NAME/SITE LOCATION: NATIONAL CAN CORP. — CHICAGO, IL — COOK COUNTY

DETERMINATION IS LAER FOR A NEW SOURCE.
PERMIT NO. C 7906091
DETERMINATION MADE BY: ILLINOIS EPA (AGENCY) — CHRIS ROMAINE (AGENCY CONTACT PERSON) — (217)-782-2113 (PHONE)

DATE OF PERMIT ISSUANCE-- 11/09/81
ESTIMATED DATE OF START-UP-- 1983

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COATER & OVENS					
		VOC	209.6000 T/YR	COATING BREAKDOWN SEE NOTES	LAER

NOTES --------
COATING SOLVENT LIMITATION - INSIDE SPRAY 3.63 LB/GAL, BOTTOM END SPRAY 2.1 LB/GAL, OVERVARNISH 2.1 LB/GAL, BASECOAT 1.8 LB/GAL

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983 04/04/1984

SOURCE TYPE/SIZE: SURFACE COATING - CANS/COILS

COMPANY NAME/SITE LOCATION: PREFINISH METALS — WALBRIDGE, OH

DETERMINATION IS LAER FOR A NEW SOURCE.
PERMIT NO. 03-746
DETERMINATION MADE BY: OHIO EPA NWD (AGENCY) — CHUCK HULL (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 05/04/79
ESTIMATED DATE OF START-UP-- 1981
(419)-352-8461 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
2 COIL COATERS & OVENS	700000.00 T/H VARIES	VOC	37.0000 LB/H	AFTERBURNERS	97.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/01/1983

SOURCE TYPE/SIZE: SURFACE COATING - CANS/COILS

COMPANY NAME/SITE LOCATION: STROH CONTAINER — FREMONT, OH

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 03-807
DETERMINATION MADE BY: OHIO EPA NWD (AGENCY) — DON WALTERMEYER (AGENCY CONTACT PERSON) — (419)-352-8461 (PHONE)

DATE OF PERMIT ISSUANCE-- 08/30/79
ESTIMATED DATE OF START-UP-- 1981

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BASE, BOTTOM, AND INTERNAL COAT*	3000.00 CANS/MIN.	VOC	40.0000 T/YR	CATALYTIC INCINERATOR	90.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/01/1983

SOURCE TYPE/SIZE: SURFACE COATING - PAPERS/FABRICS

COMPANY NAME/SITE LOCATION: ALLIED PRINTERS & PUBLISHERS, INC. — TULSA, OK

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. T80-74
DETERMINATION MADE BY: TULSA CITY-COUNTY HEALTH DEPT (AGENCY) JIM VAN SANDT (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 03/13/81
ESTIMATED DATE OF START-UP-- 1980
(918)-744-1000 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
WEB OFFSET PRINTING PRESS	800.00 FT/SEC				
		VOC	0.7140 LB/H	STRAIGHT FLAME INCIN., W/PREHEATER HIGH SOLIDS INK (68%)	90.00

NOTES --------
1) DECREASE IN VOC CONTENT. EFFICIENCY = 12.5%. 2) CONVERSION OF PHOTOCHEMICAL REACTANTS TO NON-REACTANT MATERIALS. EFFICIENCY = 90%

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/01/1933

SOURCE TYPE/SIZE: SURFACE COATINGS - PAPERS/FABRICS

COMPANY NAME/SITE LOCATION: ARKWRIGHT, INC. — FISKEVILLE, RI

DETERMINATION IS LAER FOR A MODIFIED SOURCE.
PERMIT NO. 661
DETERMINATION MADE BY: RHODE ISLAND DAHM (AGENCY); DOUG MCVAY (AGENCY CONTACT PERSON); (401)-277-2808 (PHONE)

DATE OF PERMIT ISSUANCE-- 06/05/84
ESTIMATED DATE OF START-UP-- 1984

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COATING LINE,FILM	100.00 FT/M				
		VOC	38.0000 LB/H		LAER
				THERMAL AFTERBURNER	85.00

NOTES --------
1.) 85% EFFICIENCY EQUALS 90% CAPTURE & 95% CONTROL, 90% CAPTURE IS ESTIMATED. 2) 38 LB/H IS BASED ON 262. LB/H GENERATED FROM THE PROCESS. 3) THE MACHINE WAS MOVED HERE FROM ANOTHER STATE WHERE IT PREVIOUSLY OPERATED UNCONTROLLED.
NOTE -- ALSO PERMIT NUMBER 662.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 08/22/1984

SOURCE TYPE/SIZE: SURFACE COATING - PAPERS/FABRICS

COMPANY NAME/SITE LOCATION: AVERY INTERNAT — PAINESVILLE TWP., OH — LAKE COUNTY

DETERMINATION IS LAER FOR A NEW SOURCE.
PERMIT NO. 0243110957
DETERMINATION MADE BY: OHIO EPA NED (AGENCY) — DENNIS BUSH (AGENCY CONTACT PERSON) — (216)-425-9171 (PHONE)

DATE OF PERMIT ISSUANCE-- 06/11/81
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
VINYL AND PAPER COATING LINE	63.90 GAL/H	VOC	2.6000 LB/GAL COAT. APPLIED 132.8000 T/YR	LOW SOLVENT COATING	LAER

NOTES --------
LAER LIMITS AND ANNUAL MAX. EMISSION IMPOSED BY PERMIT CONDITIONS WHICH REQUIRES REDUCTIONS FROM SOURCE K007 OF 159.4 TPY TO P
ROVIDE THE OFFSET AND FURTHER REDUCTIONS FROM 6 (CONT. 27)
OTHER COATING LINES TO LIMIT VOC EMISSIONS TO 2.05 LB/GAL, EXCL. WATERBY 4-1-82

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: SURFACE COATING - PAPERS/FABRICS

COMPANY NAME/SITE LOCATION: BROWN BRIDGE MILLS, DIV. OF KIMBERLY CL* — TROY, OH

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 08-764
DETERMINATION MADE BY: DAYTON RAPCA (AGENCY) — TIM WILSON (AGENCY CONTACT PERSON) — (513)-225-4435 (PHONE)

DATE OF PERMIT ISSUANCE-- 07/01/85
ESTIMATED DATE OF START-UP-- 1985

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COATING LINE, #19	1000.00 GAL/H	VOC	0.1700 LB/GAL 4.0000 EE-3 LB/GAL SEE NOTE	BACT

NOTES --------
0.17 LB VOC/GAL LIMIT IS FOR A SILICON COATING & 0.004 LB VOC/GAL LIMIT IS FOR A PRESSURE SENSITIVE ADHESIVE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE/SIZE: SURFACE COATING - PAPERS/FABRICS

COMPANY NAME/SITE LOCATION: DIETZGEN CORP. DES MOINES, IL

DETERMINATION IS LAER FOR A NEW SOURCE.
PERMIT NO. C8006034
DETERMINATION MADE BY: EPA REGION V (AGENCY); CHRIS ROMAINE (AGENCY CONTACT PERSON); (217)-782-2113 (PHONE)

DATE OF PERMIT ISSUANCE-- 12/11/80
ESTIMATED DATE OF START-UP-- 1982

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ROLLER COATER LINE		VOC	0.6000 LB/GAL COATING AFTERBURNER	LAER 90.00

NOTES --------
90% EFFICIENCY REQUIRED OF AFTERBURNER SYSTEM (CAPTURE & DESTRUCTION).

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983 04/04/1984

SOURCE TYPE CODE 4.2

SOURCE TYPE/SIZE: SURFACE COATING - PAPERS/FABRICS — 240.00 LB/H

COMPANY NAME/SITE LOCATION: FRYE COPY SYS, INC — GOSHEN, IN

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. PC(20)1480
DETERMINATION MADE BY: INDIANA APCD (AGENCY); FRANK PROFIT (AGENCY CONTACT PERSON); (317)-633-0664 (PHONE)

DATE OF PERMIT ISSUANCE-- 11/07/00
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PAPER COATING LINE	240.00 LB/H	VOC	25.0000 T/YR CARBON ABSORBER	95.00

NOTES --------
4000 HRS/YEAR OPERATION

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE/SIZE: SURFACE COATING - PAPERS/FABRICS

COMPANY NAME/SITE LOCATION: GAZETTE PRESS PRINTING — PITTSBURGH, CA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 20925
DETERMINATION MADE BY: BAY AREA AQMD (AGENCY) — MOHAMAD MDAZED (AGENCY CONTACT PERSON) — (415)-771-6000 (PHONE)

DATE OF PERMIT ISSUANCE-- 12/20/82
ESTIMATED DATE OF START-UP-- 1983

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
DRYING OVENS	12950.00 CF/M	VOC	9.0000 LB/D	FUME INCINERATOR	95.00

NOTES --------
FUME INCINERATOR 12950 CFM KATEC, TVA-812, FILE A 340-007. SOURCE OPERATES 12 H/D, 6 D/WEEK, 52 WEEK/YR.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/19/1984

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE/SIZE: SURFACE COATING - PAPERS/FABRICS

COMPANY NAME/SITE LOCATION: H.S. CROCKER CO. PRINTING — SAN BURNO, CA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 28709
DETERMINATION MADE BY: BAY AREA AQMD (AGENCY) — MOHAMAD MDAZED (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 03/21/82
ESTIMATED DATE OF START-UP--
(415)-771-6000 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PRINTING PRESS, 64 INCH		VOC	415.0000 LB/D SEE NOTE		

NOTES --------
VOC<2.5 LB/GAL LIMIT VOC CONTENT OF INKS. FILE A 340-008. SIX COLOR PRESS OPERATES 14 H/D, 5 D/WEEK, 48 WEEK/YR.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/19/1984

SOURCE TYPE/SIZE: SURFACE COATING - PAPERS/FABRICS

COMPANY NAME/SITE LOCATION: INLAND, DIVISION OF G.M. CORP. — VANDALIA, OH

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 0857170125 K001
DETERMINATION MADE BY: REGIONAL APCA (AGENCY) — JAMES GROSS (AGENCY CONTACT PERSON) — (513)-225-4435 (PHONE)

DATE OF PERMIT ISSUANCE-- 09/18/80
ESTIMATED DATE OF START-UP-- 1977

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
LEMBO GRAVURE VINYL COATER	45.00 GAL/H	VOC	83.8400 LB/H	CARBON ADSORPTION	TECH 73.00

NOTES --------
THE 73% EFFICIENCY REPRESENTS THE FIRST EFFICIENCY DETERMINATION. SEMI-ANNUAL EVALUATIONS WILL BE PERFORMED.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE/SIZE: SURFACE COATING - PAPERS/FABRICS

COMPANY NAME/SITE LOCATION: INTERNAT. LABEL MFG. FAC. — CLARKSVILLE, TN — MONTGOMERY COUNTY

DETERMINATION IS LAER FOR A NEW SOURCE.
PERMIT NO. PSD-TN-060
DETERMINATION MADE BY: TENNESSEE APCD (AGENCY) — ANGIE PITCOCK (AGENCY CONTACT PERSON) — (615)-741-3651 (PHONE)

DATE OF PERMIT ISSUANCE-- 03/26/80
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PAPER PRINTING	3454.00 LB/H	VOC	46.9400 T/YR	CARBON ADSORP. BEDS + INCIN.	LAER 99.90
BOILERS, NAT. GAS, 3 EA		SO2	152.8800 T/YR		BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: SURFACE COATING - PAPERS/FABRICS

COMPANY NAME/SITE LOCATION: ITEN FIBRE CO. — ASHTABULA, OH — ASHTABULA COUNTY

DETERMINATION IS LAER FOR A NEW SOURCE.
PERMIT NO. 0204010112
DETERMINATION MADE BY: OHIO EPA NED (AGENCY) — DENNIS BUSH (AGENCY CONTACT PERSON) — (216)-425-9171 (PHONE)

DATE OF PERMIT ISSUANCE-- 12/23/81
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
RESIN COATING LINE		VOC	2.9000 LB/GAL COAT. APPLIED 516.0000 T/YR	LOW SOLVENT COATING	LAER

NOTES --------
COMPANY TO REPORT QUARTERLY OR MONTHLY COATING USE, TOTAL VOC EMISSIONS, AND LB/GAL VOC EMISSIONS RATE.
OFFSETS NOT REQUIRED RURAL AREA.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: SURFACE COATING - PAPERS/FABRICS — 450.00 LB/H

COMPANY NAME/SITE LOCATION: MURRAY RUBBER, (MEAD COMPANY) — HOUSTON, TX 77040 — HARRIS COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 9040
DETERMINATION MADE BY: TEXAS ACB (AGENCY) — ART KELLOGG (AGENCY CONTACT PERSON) — (512)-451-5711 (PHONE)

DATE OF PERMIT ISSUANCE-- 07/01/82
ESTIMATED DATE OF START-UP-- 1982

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
FABRIC COATER	450.00 LB/H	VOC	27.0000 LB/H	THERMAL OXIDIZER	90.00

NOTES --------
THIS SYSTEM REDUCES EMISSIONS TO 0.83 LB/GAL APPLIED W/GREATER THAN 90% EFFICIENCY (MAXIMUM). TACB REGULATIONS & EPA GUIDELINE S ALLOW A MAX. OF 2.9 LB/GAL APPLIED. THE OXIDIZER REQUIRES NO FUEL FOR OPER. OTHER THAN THE DRYER EMIS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/01/1983

SOURCE TYPE/SIZE: SURFACE COATING - PAPERS/FABRICS

COMPANY NAME/SITE LOCATION: NDN CORP. MORAINE, OH

DETERMINATION IS LAER FOR A NEW SOURCE.
PERMIT NO. 0857101457 K001
DETERMINATION MADE BY: RAPCA - DAYTON,OH (AGENCY) THURMAN SMITH (AGENCY CONTACT PERSON) (513)-225-4435 (PHONE)

DATE OF PERMIT ISSUANCE-- 07/23/82
ESTIMATED DATE OF START-UP-- 1982

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PAPER COATING	30.00 FT/MIN				
		VOC	19.0000 LB/H 11.4000 T/YR	THERMAL INCINERATOR	99.70

NOTES --------
THERMAL INCINERATOR WAS TESTED AT 99.7% OVERALL EFFICIENCY. COATING MUST MEET 2.9 LB VOC/GAL COATING OR CONTROL EQUIPMENT MUST PROVIDE AN EMISSION REDUCTION OF 50.5%. PERMIT RESTRICTS OVERALL EFFICIENCY TO NO LESS THAN 85.5%.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983 02/13/1984

SOURCE TYPE/SIZE: SURFACE COATING - PAPERS/FABRICS

COMPANY NAME/SITE LOCATION: STECHER-TRAUNG-SCHMIDT — NEWARK, CA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 28246
DETERMINATION MADE BY: BAY AREA AQMD (AGENCY) — ELLEN LINDER (AGENCY CONTACT PERSON) — (415)-771-6000 (PHONE)

DATE OF PERMIT ISSUANCE-- 10/08/82
ESTIMATED DATE OF START-UP-- 1983

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
OVEN, VARNISHER DRYING	4000.00 SHEETS/H	VOC	67.0000 LB/D	HIRT FUME INCINERATOR	BACT 90.00

NOTES --------
OVERALL EFFICIENCY 90%, 97% IN-OUT OF INCINERATOR.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/19/1984

SOURCE TYPE/SIZE: SURFACE COATING - AUTO./LIGHT DUTY TRUCKS

COMPANY NAME/SITE LOCATION: CHEVROLET - FLINT MANUFACTURING, 300 NORTH CHEVROLET AVE, FLINT, MI

DETERMINATION IS LAER FOR A NEW SOURCE.
PERMIT NO. 95-84
DETERMINATION MADE BY: MICHIGAN DNR (AGENCY); GREGORY EDWARDS (AGENCY CONTACT PERSON); (517)-322-1333 (PHONE)

DATE OF PERMIT ISSUANCE-- 03/07/84
ESTIMATED DATE OF START-UP-- 1984

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SPRAY BOOTH, SOUND DEADENER	300.00 PARTS/H	VOC	78.5000 LB/H SEE NOTE 108.0000 T/YR SEE NOTE AIRLESS GUNS & TIMED SPRAYING	LAER
SPRAY BOOTH, REINFORCEMENT	300.00 PARTS/H	VOC	78.5000 LB/H SEE NOTE 108.0000 T/YR SEE NOTE AIRLESS GUNS & TIMED SPRAYING	LAER

NOTES --------
NOTE - EMISSION LIMITS ON VOC ARE FOR BOTH BOOTHS COMBINED.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 12/28/1984

SOURCE TYPE/SIZE: SURFACE COATING - AUTO./LIGHT DUTY TRUCKS — 75.00 CARS/H

COMPANY NAME/SITE LOCATION: CHRYSLER CORP. JEFFERSON AV. ASSEMBLY PLANT — DETROIT, MI 48226 — WAYNE COUNTY

DETERMINATION IS LAER FOR A MODIFIED SOURCE.
PERMIT NO. C-5366 THRU C-5369
DETERMINATION MADE BY: WAYNE COUNTY APCD (AGENCY) — AL SCHEANS (AGENCY CONTACT PERSON) — (313)-224-4693 (PHONE)

DATE OF PERMIT ISSUANCE-- 06/05/80
ESTIMATED DATE OF START-UP-- 1980

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TACK-OFF BOOTH		VOC		EXHAUST THRU SPRAY BOOTH	LAER
COLOR SPRAY BOOTH	500000.00 SCFM	VOC		SEE NOTE	
COLOR FLASH-OFF BOOTH	10000.00 SCFM	VOC	25.2000 LB/GAL APPL. SOL		LAER
DOUBLE-WIDTH OVEN	6668.00 SCFM	VOC	12.9000 LB/GAL APPL. SOL	OVEN EXHAUST INCIN.	90.00

NOTES --------
STAGED LAER CONCEPT PROVIDING FOR PHASE-IN OF NEW TECHNOLOGY AS IT IS DEVELOPED - PHASE 1, START UP USING LOW VOLTAGE ELECTROSTATIC PAINT SPRAYING AND OVEN EXAUST INCINEPATION; PHASE 2, INTRODUCTION OF HIGH VOLTAGE ELECTROSTATIC PAINT SPRAYING; PHASE 3, INTRODUCTION OF HIGH SOLIDS TOPCOAT ENAMELS BY 8/31/83.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: SURFACE COATING - AUTO./LIGHT DUTY TRUCKS

COMPANY NAME/SITE LOCATION: FMC CORP. - SAN JOSE ORDINANCE — SAN JOSE, CA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 28310
DETERMINATION MADE BY: BAY AREA AQMD (AGENCY) — BRIAN BATEMAN (AGENCY CONTACT PERSON) — (415)-771-6000 (PHONE)

DATE OF PERMIT ISSUANCE-- 06/22/82
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... % BASIS ... PCT EFF
PAINT SPRAY BOOTH	18.00 GAL/D	VOC	190.0000 LB/D	SEE NOTE	

NOTES --------
FILE A 350-011. AIRLESS ELECTROSTATIC SPRAYING OF 40% SOLIDS PAINT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/19/1984

SOURCE TYPE/SIZE: SURFACE COATING - AUTO./LIGHT DUTY TRUCKS

COMPANY NAME/SITE LOCATION: FORD MOTOR CO.
MILAN PLASTICS PLANT
MILAN, MI
MONROE COUNTY

DETERMINATION IS LAER FOR A NEW SOURCE.
PERMIT NO. 447-454/79 + 456/79
DETERMINATION MADE BY: MICHIGAN DNR (AGENCY)
GREGORY EDWARDS (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 01/01/80
ESTIMATED DATE OF START-UP-- 1985
(517)-322-1333 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ELECTROSTATIC PAINT SYS.		VOC	457.5000 LB/H	CATALYTIC INCINERATOR ELECTROSTATIC SPRAY BOOTHS	LAER 95.00
COMPOUND MACHINES, DIRECTIONAL *		VOC	0.7400 LB/H	CARBON ADSORPTION	LAER 90.00
		VOC	9.0700 LB/H	NONE	LAER

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983 03/13/1984

SOURCE TYPE/SIZE: SURFACE COATING - AUTO./LIGHT DUTY TRUCKS

COMPANY NAME/SITE LOCATION: GENERAL MOTORS CORP. BOWLING GREEN, KY

DETERMINATION IS LAER
PERMIT NO. C-79-100(REVISED)
DETERMINATION MADE BY: KENTUCKY DEP (AGENCY); JAMES DILLS (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 09/12/84
ESTIMATED DATE OF START-UP--
(502)-564-3382 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BODY PRIME		VOC	5.2900 LB/GAL	INCINERATOR	LAER 12.01
TOPCOAT BODY BLACKOUT		VOC	5.3000 LB/GAL	INCINERATOR	LAER 8.14
FLEX. BUMPER CLEAR COAT & BASE *		VOC	5.0000 LB/GAL	INCINERATOR	LAER 5.55
DIP PRIME(FRAME)		VOC	0.8800 LB/GAL	INCINERATOR	LAER 44.00
FINAL REPAIR		VOC	5.9900 LB/GAL		LAER
MISCELLANEOUS		VOC	125.0000 T/YR		LAER

NOTES --------
OVERALL VOC EFFICIENCY IS 8.07%.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: SURFACE COATING - AUTO./LIGHT DUTY TRUCKS

COMPANY NAME/SITE LOCATION: GENERAL MOTORS - TOYOTA JOINT VENTURE — BAY AREA, CA

DETERMINATION IS LAER FOR A MODIFIED SOURCE.
PERMIT NO. 29614
DETERMINATION MADE BY: BAY AREA AQMD (AGENCY) — JIM TOMICH (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 02/22/84
ESTIMATED DATE OF START-UP--
(415)-771-6000 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SPRAY BOOTH, AUTOMOBILE UNDERCO*		VOC	262.0000 LB/D	INCINERATION , HIGH SOLIDS COATING, AIRLESS SPRAY ,	LAER 35.00

NOTES --------
OPERATES 20 H/D, 5 D/WK, 51 WK/YR

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: SURFACE COATING - AUTO./LIGHT DUTY TRUCKS — 60.00 TRUCKS/H

COMPANY NAME/SITE LOCATION: GM WORLD WIDE TRUCK DIV, 2601 WEST STROOP ROAD, MORAINE, OH 45439, MONTGOMERY COUNTY

DETERMINATION IS LAER FOR A NEW SOURCE.
PERMIT NO. 08-215
DETERMINATION MADE BY: RAPCA - DAYTON,OH (AGENCY); GORBY LEE (AGENCY CONTACT PERSON); (513)-225-4435 (PHONE)

DATE OF PERMIT ISSUANCE-- 05/13/80
ESTIMATED DATE OF START-UP-- 1981

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ELPO PRIME	63.50 UNITS/H	VOC	1.2000	LB/GAL COATING MINUS H2O CATHODIC EDP	LAER
PRIMER SURFACER	63.50 UNITS/H	VOC	2.8800 15.8400	LB/GAL COATING MINUS H2O LB/GAL VOC SOLIDS APPL WITH 62% TRANSFER EFFICIENCY	LAER
TOP COAT	63.50 UNITS/H	VOC	3.6000 15.0500	LB/GAL COATING MINUS H2O LB/GAL VOC SOLIDS APPL WITH 59% TRANSFER EFFICIENCY	LAER
ANTI-CORROSION	63.50 UNITS/H	VOC	4.3000	LB/GAL COATING MINUS H2O WITH 90% TRANSFER EFFICIENCY	LAER
PLASTISOL/ANTI-CHIP	63.50 UNITS/H	VOC	3.5000	LB/GAL COATING MINUS H2O WITH 50% TRANSFER EFFICIENCY	LAER
CHASSIS BLACK	63.50 JOB/H	VOC	3.5000	LB/GAL VOC MINUS H2O	
WHEEL PAINT	63.50 JOB/H	VOC	3.7000	LB/GAL VOC MINUS H2O	
MAST JACKET	63.50 JOB/H	VOC	6.3000	LB/GAL VOC MINUS H2O	
FINAL REPAIR	63.50 JOB/H				

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW 04/01/1982; POST STARTUP 02/13/1984

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)				
		VOC	4.8000 LB/GAL VOC MINUS H2O	

NOTES --------
MISCELLANEOUS FUGITIVE VOC EMISSIONS ARE ESTIMATED TO TOTAL 468 TPY FROM THIS FACILITY.
TOTAL VOC EMISSIONS NOT TO EXCEED 2050 TPY

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

	INITIAL REVIEW	POST STARTUP
REVIEW STATUS:	04/01/1983	02/13/1984

SOURCE TYPE/SIZE: SURFACE COATING - AUTO./LIGHT DUTY TRUCKS

COMPANY NAME/SITE LOCATION: VOLKSWAGEN OF AM
16 MILE ROAD & VAN DYKE AVENUE
STERLING HEIGHTS, MI 48077
OAKLAND COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 250-80 TO 273-80, 3*
DETERMINATION MADE BY: MICHIGAN DNR (AGENCY); JON TROUT (AGENCY CONTACT PERSON); (517)-322-1333 (PHONE)
DATE OF PERMIT ISSUANCE-- 06/01/80
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS ... & BASIS CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF
PAINTING OPERATIONS		VOC	SEE NOTE

NOTES --------
CHECK WITH STATE FOR DETAILS. EMISSION LIMITS TOO EXTENSIVE TO MENTION HERE.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW 04/01/1983; POST STARTUP 03/13/1984

SOURCE TYPE/SIZE: SURFACE COATING - METAL FURNITURE

COMPANY NAME/SITE LOCATION: KINCAID FURNITURE CO., INC. — LENIOR, NC

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 5276
DETERMINATION MADE BY: NORTH CAROLINA DEM (AGENCY); MIKE SEWELL (AGENCY CONTACT PERSON); (919)-733-7015 (PHONE)

DATE OF PERMIT ISSUANCE-- 10/17/83
ESTIMATED DATE OF START-UP-- 1984

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
FINISHING OPERATION		VOC	NONPHOTOCHEMICALLY REACTIVE FINISHING MATL.	
BOILER, WOODWASTE, 2	11.60 MMBTU	VOC	GOOD OPERATING PRACTICES	

NOTES --------
PSD ONLY FOR VOC EMISSIONS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/19/1984

SOURCE TYPE/SIZE: SURFACE COATING - METAL FURNITURE — 200.00 PIECES/H

COMPANY NAME/SITE LOCATION: MERIDIAN, INC. — SPRING LAKE, MI

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 719-84
DETERMINATION MADE BY: MICHIGAN DNR (AGENCY) — PAUL SCHLEUSENER (AGENCY CONTACT PERSON) — (517)-322-1333 (PHONE)

DATE OF PERMIT ISSUANCE-- 11/07/84
ESTIMATED DATE OF START-UP-- 1985

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PAINT SPRAY BOOTH, 3 / BAKE OVE*	5.00 GAL/H	VOC	0.8500 KG/L APPLIED, 24 H AVG	BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: SURFACE COATING - METAL FURNITURE

COMPANY NAME/SITE LOCATION: STEELCASE, INC.
1120 36TH STREET
GRAND RAPIDS, MI 49501
KENT COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 51-80
DETERMINATION MADE BY: MICHIGAN DNR (AGENCY) — JOHN CAUDELL (AGENCY CONTACT PERSON) — (517)-322-1333 (PHONE)
DATE OF PERMIT ISSUANCE-- 06/01/80
ESTIMATED DATE OF START-UP-- 1981

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL FIRED, 2 EA	40000.00 LB/H				
		PM	0.0500 LB/MMBTU	CYCLONE & BAGHOUSE	99.00
		SO2	1.6000 LB/MMBTU	LOW S COAL, MAX 1%	
		NOX	0.6000 LB/MMBTU	CONTROL EXCESS & OVERFIRE AIR	
COAL & ASH HANDLING SYS.					
		PM	0.0300 GR/DSCF	FABRIC FILTER DUST SUPPRESENT	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW 04/01/1983 — POST STARTUP 03/13/1984

SOURCE TYPE/SIZE: SURFACE COATING - MAGNET WIRE

COMPANY NAME/SITE LOCATION: PHELPS DODGE, MAGNET WIRE CORP. P.O. BOX 769 — HOPKINSVILLE, KY 42440 — CHRISTIAN COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. C-75-16
DETERMINATION MADE BY: KENTUCKY DAPC (AGENCY) — BILL DILLS (AGENCY CONTACT PERSON) — (502)-564-3382 (PHONE)

DATE OF PERMIT ISSUANCE-- 03/25/75
ESTIMATED DATE OF START-UP-- 1976

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
OVENS, 4	1501.00 T/YR COATING	VOC	40.8000 LB/H 675.4900 T/YR	INCINERATOR	90.00
OVENS, FINE WIRE, 10	165.00 T/YR COATING	VOC	4.5500 LB/H 19.1100 T/YR	INCINERATOR	90.00
OVENS, 1 HEAVY & 1 MEDIAN WIRE	514.00 T/YR COATING	VOC	13.9600 LB/H 58.6000 T/YR	INCINERATOR	90.00
OVENS, 6 HEAVY & 1 FINE WIRE	2158.00 T/YR COATING	VOC	31.3000 LB/H 85.9000 T/YR	BACT CATALYTIC (1350 F), THERMAL INCINERATOR	BACT 95.00
OVEN, 1 FINE WIRE	16.00 T/YR COATING	VOC	0.4550 LB/H 1.9100 T/YR		

ALSO COVERS PERMIT NUMBERS C-75-23, C-77-75, C-78-60, C-79-013.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW 04/01/1983 POST STARTUP 02/13/1984

SOURCE TYPE/SIZE: SURFACE COATING - LARGE APPLIANCES

COMPANY NAME/SITE LOCATION: SANYO E&E CORP., 400 RUFFIN RD. SAN DIEGO, CA 92123

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 07037
DETERMINATION MADE BY: SAN DIEGO APCD (AGENCY) LORENZO ALEJANDRIA (AGENCY CONTACT PERSON) (619)-565-3914 (PHONE)
DATE OF PERMIT ISSUANCE-- 08/21/81
ESTIMATED DATE OF START-UP-- 1979

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COATING LINE	107.50 GAL/D	VOC	275.0000 G/LITER OF COATING	HIGH SOL. COAT. TO LOW SOL. COAT..	BACT

NOTES --------
AVERAGE SOLVENT CONTENT OF COATINGS USED BEFORE MODIFICATION WAS 365.9 G/LITER, & AFTER MODIFICATION, THE SOLVENT CONTENT OF N EW COATINGS IS 280 G/LITER (WITH 10% DEVIATION FOR UNSTANDARDIZED TEST METHOD USED & AGREED BY APCD).
COATING LINE INCLUDES ONE AUTOMATIC PAINT SPRAY BOOTH USING ELECTROSTATIC SPRAY DEVICES, TWO TOUCHUP SPRAY BOOTHS, ONE BAKING OVEN.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: SURFACE COATING - MISC. METAL PARTS/PRODUCTS

COMPANY NAME/SITE LOCATION: ALENCO DIVISION OF REDMAN BUILDING PROD* , TX BRAZOS COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. C-8696
DETERMINATION MADE BY: TEXAS ACB (AGENCY) ART KELLOGG (AGENCY CONTACT PERSON) (512)-451-5711 (PHONE)
DATE OF PERMIT ISSUANCE-- 04/17/81
ESTIMATED DATE OF START-UP-- 1981

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PAINTING EXTRUSIONS	384.00 LB/H PAINT *	VOC	65.1000 LB/H	DIRECT FLAME INCINERATION USE OF HIGH SOLIDS PAINT	68.00

NOTES --------
EFFICIENCY OF THE BAKE OVEN DIRECT FLAME INCINERATION IS ESTIMATED TO BE A MINIMUM OF 68%, PER FIG. 111 ON PG. 181 OF AP-40, B
UT IT IS THOUGHT TO BE GREATER. HOWEVER, NO SAMPLING WAS REQUIRED FOR THIS LOW EMISSION RATE.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 05/04/1984

SOURCE TYPE/SIZE: SURFACE COATING - MISC. METAL PARTS/PRODUCTS

COMPANY NAME/SITE LOCATION: AMERICAN METAL DECORATING CO. FREMONT, CA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 27361
DETERMINATION MADE BY: BAY AREA AQMD (AGENCY) JOHN PHILLIPS (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 03/07/80
ESTIMATED DATE OF START-UP-- 1980
(415)-771-6000 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COATING LINE	91800.00 GAL/YR	VOC	250.0000 LB/D	FUME INCINERATOR	87.00

NOTES --------
FILE A 340-006

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW 04/19/1984 POST STARTUP

SOURCE TYPE/SIZE: SURFACE COATING - MISC. METAL PARTS/PRODUCTS

COMPANY NAME/SITE LOCATION: GMC, TRUCK & BUS GROUP — PONTIAC, MI

DETERMINATION IS LAER FOR A NEW SOURCE.
PERMIT NO. 684-83
DETERMINATION MADE BY: MICHIGAN DNR (AGENCY) — DAVE FERRIER (AGENCY CONTACT PERSON) — (517)-322-1333 (PHONE)

DATE OF PERMIT ISSUANCE-- 05/01/84
ESTIMATED DATE OF START-UP-- 1985

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TOPCOAT, TRUCK CAB		VOC	10.3000 LB/GAL APPL. SOLIDS	LAER
TOPCOAT, FIBERGLASS		VOC	10.3000 LB/GAL APPL. SOLIDS	LAER
WAX, ANTI-CORROSION		VOC	7.0000 LB/GAL APPL. SOLIDS	LAER
ELPO PRIME		VOC	1.6000 LB/GAL APPL. SOLIDS	LAER

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 12/28/1984

SOURCE TYPE/SIZE: SURFACE COATING - MISC. METAL PARTS/PRODUCTS

COMPANY NAME/SITE LOCATION: MARK IND. SELMA, TX GUADALUPE COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. X3697
DETERMINATION MADE BY: TEXAS ACB (AGENCY) RANDY HAMILTON (AGENCY CONTACT PERSON) (512)-451-5711 (PHONE)

DATE OF PERMIT ISSUANCE-- 10/20/82
ESTIMATED DATE OF START-UP-- 1982

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SPRAY BOOTHS, 2		VOC	7.6400 T/YR	ELECTROSTATIC PAINT GUNS/DRY FILTER WATERBASE PAINT, HEATED, AIRLESS	90.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: SURFACE COATING - MISC. METAL PARTS/PRODUCTS — 9.00 GAL/H

COMPANY NAME/SITE LOCATION: SQUARE D CO. — 5735 COLLEGE CORNER RD — OXFORD, OH — BUTLER COUNTY

DETERMINATION IS
PERMIT NO. 10-184
DETERMINATION MADE BY: SOUTHWEST OHIO APCA (AGENCY) — THOMAS TUCKER (AGENCY CONTACT PERSON) — (513)-251-8777 (PHONE)

DATE OF PERMIT ISSUANCE-- 01/25/84
ESTIMATED DATE OF START-UP-- 1984

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PAINT TANK, EDP	6000.00 SQF METAL/H				
		VOC	2.4000 LB/GAL COATING MINUS H2O 1.0000 LB/GAL	WATERBASE COATINGS, ELECTRODEPOSITION	
SPRAY BOOTH, TOUCH-UP PAINT					
		VOC	2.4000 LB/GAL COATING MINUS H2O 1.1400 LB/GAL	WATERBASE COATINGS	

NOTES --------
BACT DETERMINED BY TECHNOLOGY, ECONOMICS, & SOURCE SIZE.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: SURFACE COATING - MISC. METAL PARTS/PRODUCTS

COMPANY NAME/SITE LOCATION: TIFTON ALUMINUM CO. — DELHI, LA — RICHLAND PARISH

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. PSD-LA-514
DETERMINATION MADE BY: LAQD/EPA REGION VI (AGENCY); BHARAT CONTRACTOR (AGENCY CONTACT PERSON); (504)-342-8940 (PHONE)
DATE OF PERMIT ISSUANCE-- 01/10/84
ESTIMATED DATE OF START-UP-- 1984

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PAINTING, AUTOMATIC BOOTH, 4 EA	13440.00 ACFM	VOC	20.1000 LB/H	MAX 6.25 LB/GAL VOC CONT. FOR COATING	BACT
PAINTING, TOUCH-UP BOOTH, 2 EA	9600.00 ACFM	VOC	0.9000 LB/H	MAX 6.25 LB/GAL VOC CONT. FOR COATING	BACT
OVEN, FLASH-OFF	980.00 ACFM	VOC	17.4000 LB/H	MAX 6.25 LB/GAL VOC CONT. FOR COATING	BACT
OVEN, BAKE	2870.00 ACFM	VOC	75.6000 LB/H	MAX 6.25 LB/GAL VOC CONT. FOR COATING	BACT

NOTES --------
NO APPLICABLE NSPS, RACT, OR CTG. BACT IS BASED ON SURVEY OF ALL STATES IN US. THE BACT WILL BE RE- EVALUATED AFTER ONE YEAR O F ACTUAL OPERATION.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: SURFACE COATING - FLATWOOD PANELING — 63300.00 SQFT/H

COMPANY NAME/SITE LOCATION: ABITIBI-PRICE CORP., 2900 HILL AVE — TOLEDO, OH 43607

DETERMINATION IS LAER FOR A NEW SOURCE.
PERMIT NO. 04-204
DETERMINATION MADE BY: TOLEDO ENVIRONMENTAL SERVICE (AGENCY) DALE KRYGIELSKI (AGENCY CONTACT PERSON) (419)-693-0350 (PHONE)

DATE OF PERMIT ISSUANCE-- 07/07/83
ESTIMATED DATE OF START-UP-- 1980

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
FLATWOOD PANELING	63300.00 SQF/H			
		VOC	2.4000 LB/MSQFT CLASS II HB	
			5.3300 LB/MSQFT CLASS I TB	
			INCINERATION OF SOME VOC EMISSIONS	59.00
			H2O BASED COATINGS,LOW VOC HIGH SOLIDS COATINGS	

NOTES --------
FACILITY COATS EITHER HARDBOARD OR TILEBOARD BUT NOT BOTH AT THE SAME TIME. ORIGINAL PTI 04-108 ISSUED 01/78. REVISED PTI ISSUED 07/83. INCINERATION AND TOTAL SYSTEM EFFICIENCIES ARE LOWER ESTIMATES SINCE UNDETERMINED AMMOUNTS OF FLASHOFF EMISSIONS ARE USED TO COOL THE INCINERATOR EXHAUST. CLASS II HARDBOARD HAS 62.8% CAPTURE EFFICIENCY AND 94.3+% INCINERATION EFFICIENCY. CLASS I TILEBOARD HAS 57.2% CAPTURE EFFICIENCY AND 95.7+% INCINERATION EFFICENCY

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/13/1984

SOURCE TYPE/SIZE: SOLVENT DEGREASING

COMPANY NAME/SITE LOCATION: ALLOYTEK — GRANDVILLE, MI

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 258-83A
DETERMINATION MADE BY: MICHIGAN DNR (AGENCY) — DAVID FERRIER (AGENCY CONTACT PERSON) — (517)-322-1333 (PHONE)

DATE OF PERMIT ISSUANCE-- 08/05/83
ESTIMATED DATE OF START-UP-- 1983

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
VAPOR DECREASER		VOC	8.0000 LB/H	REFRIG. FREEBOARD W/COVER DURING DWN TIME	95.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/19/1984

SOURCE TYPE/SIZE: SOLVENT DEGREASING

COMPANY NAME/SITE LOCATION: BRIGGS & STRATTON CORP. MENOMONEE FALLS, WI

DETERMINATION IS LAER FOR A NEW SOURCE.
PERMIT NO. MAN-10-GEB-81-68-002
DETERMINATION MADE BY: WISCONSIN DNR (AGENCY) — EMILIA ESTRADA (AGENCY CONTACT PERSON) — (608)-266-0244 (PHONE)

DATE OF PERMIT ISSUANCE-- 03/04/81
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
DEGREASERS		VOC		LAER

NOTES --------
OFFSETS FOR NEW EQUIPMENT COVERED PERMIT, EXCLUDING RELOCATED EQUIPMENT AT 20% OBTAINED FROM DISCONTINUING DETREX LDC-750-1G, #57920, CONVEYERIZED DEGREASER LOCATED AT BRIGGS & STRATTON BURLEIGH ST PLANT, MILWAUKEE
DISCONTINUED CONVEYOR CREATED 73.62 TPY EMISSION REDUCTION, 19.49 TPY ASSIGNED TO OFFSET SOURCES UNDER MIN-05-80-6[illegible]-126, 19.82 TPY ASSIGNED FOR OFFSETS THIS PERMIT, REMAINING 24.31 TPY BANKED

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: SOLVENT DEGREASING

COMPANY NAME/SITE LOCATION: REGAL INTERNATIONAL, INC. , TX NAVARRO COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. X-3641
DETERMINATION MADE BY: TEXAS ACB (AGENCY) — ART KELLOGG (AGENCY CONTACT PERSON) — (512)-451-5711 (PHONE)

DATE OF PERMIT ISSUANCE-- 09/22/82
ESTIMATED DATE OF START-UP-- 1978

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PAINT SPRAYING	49920.00 LB/YR	VOC	4.0000 T/YR	
VAPOR DEGREASING	18480.00 LB/YR	VOC	1.1500 T/YR COOLING COILS	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 05/04/1984

SOURCE TYPE/SIZE GRAPHIC ARTS

COMPANY NAME/SITE LOCATION BEMIS CARPHANE FILMS OSHKOSH, WI

DETERMINATION IS LAER FOR A NEW SOURCE.
PERMIT NO. MAN-10-EYE-81-71-033
DETERMINATION MADE BY WISCONSIN DNR (AGENCY) EMILIA ESTRADA (AGENCY CONTACT PERSON) (608)-266-0244 (PHONE)

DATE OF PERMIT ISSUANCE-- 08/25/81
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SARAN COATERS, 2 EA		VOC	0.3200 KG/L 2.6700 LB/GAL LOW SOLVENT COATING	LAER

NOTES --------
OFFSET FROM SHUTDOWN OF #14 LAMINATOR AT CURWOOD, NEW LONDON

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: GRAPHIC ARTS

COMPANY NAME/SITE LOCATION: BEMIS CO. — OSHKOSH, WI

DETERMINATION IS LAER FOR A NEW SOURCE.
PERMIT NO. MAN-03-80-71-125
DETERMINATION MADE BY: WISCONSIN DNR (AGENCY) — EMILIA ESTRADA (AGENCY CONTACT PERSON) — (608)-266-0244 (PHONE)
DATE OF PERMIT ISSUANCE-- 11/13/80
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
FLEXOGRAFHIC PRINTING PRESS #8		VOC	85.0000 % REDUCTION	LOW SOLVENT COATINGS	LAER
EXTRUSION COATER #9		VOC	0.0900 KG/L 1.5600 LB/GAL	LOW SOLVENT COATINGS	LAER
LAMINATOR #16		VOC	0.1700 KG/L 1.4300 LB/GAL	LOW SOLVENT COATINGS	LAER

NOTES --------
OFFSET FROM CLOSING #1 SARAN COATER & LAMINATOR #11

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE GRAPHIC ARTS

COMPANY NAME/SITE LOCATION BEMIS SPECIALTY FILMS OSHKOSH, WI

DETERMINATION IS LAER FOR A NEW SOURCE.
PERMIT NO. MAN-10-EYE-81-71-082
DETERMINATION MADE BY WISCONSIN DNR (AGENCY) EMILIA ESTRADA (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 12/21/81
ESTIMATED DATE OF START-UP--
(608)-266-0244 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
LAMINATOR #17					
		VOC	0.0400 KG/L COATING 0.3300 LB/GAL	LOW SOLVENT COATINGS	LAER
COATER #10					
		VOC	0.0300 KG/L COATING 0.2500 LB/GAL	LOW SOLVENT COATINGS	LAER
COATER #11					
		VOC	0.2100 KG/L 1.7700 LB/GAL	LOW SOLVENT COATINGS	LAER
FLEXOPRESS COATER #2					
		VOC	18.0000 % VOC VOL. IN INK	LOW SOLVENT COATINGS	LAER

NOTES --------
OFFSET FROM SHUTDOWN OF #14 LAMINATOR & #2 SARAN COATER AT CURWOOD, NEW LONDON

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: GRAPHIC ARTS — 102.00 GAL INK/H

COMPANY NAME/SITE LOCATION: BROWN PRINTING, P.O. BOX 451, FRANKLIN, KY 42134, SIMPSON COUNTY

DETERMINATION IS LAER FOR A NEW SOURCE.
PERMIT NO. C-80-95
DATE OF PERMIT ISSUANCE-- 07/28/80
ESTIMATED DATE OF START-UP-- 1981
DETERMINATION MADE BY: KENTUCKY DAPC (AGENCY); BILL DILLS (AGENCY CONTACT PERSON); (502)-564-3382 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ROTOGRAVURE PRINTING PRESS	102.00 GAL/H INK	VOC	102.0000 GAL/H INK CARBON ADSORPTION	LAER 97.00

NOTES --------
CHANGING THINNER USAGE, BUT LIMITING INK TO 102 GAL INK/HOUR. 7 UNITS, BACT/LAER WILL BE DETERMINED USING A PHASED APPROACH.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW 04/01/1983 POST STARTUP 02/13/1984

SOURCE TYPE CODE 4.12

SOURCE TYPE/SIZE: GRAPHIC ARTS

COMPANY NAME/SITE LOCATION: COLUMBUS COATED FABRICS — COLUMBUS, OH

DETERMINATION IS LAER FOR A MODIFIED SOURCE.
PERMIT NO. 01-415
DETERMINATION MADE BY: OHIO EPA CD (AGENCY) — VICTOR FISHER (AGENCY CONTACT PERSON) — (614)-864-3195 (PHONE)

DATE OF PERMIT ISSUANCE-- 04/29/81
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INTA-ROTO HL-41 PRINTER	7.00 MMYD/YR				
		VOC	4.8000 LB/GAL VINYL		BACT
			2.9000 LB/GAL INK		
				COAT COMPOSIT.<25% SOLV,BY VOL	70.00

NOTES --------
LIMITS IMPOSED BY PERMIT TO INSTALL, WHICH ALSO REQUIRES NEW PERMIT APPLICATION IF SOLVENT COMPOSITION OR SCHEDULE ARE CHANGED
.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/01/1983

SOURCE TYPE/SIZE: GRAPHIC ARTS — 360.00 T/YR

COMPANY NAME/SITE LOCATION: CONTAINER CORP. OF AM — MUNCIE, IN

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. PC(18)1477
DETERMINATION MADE BY: INDIANA APCD (AGENCY); FRANK PROFIT (AGENCY CONTACT PERSON); (317)-633-0664 (PHONE)
DATE OF PERMIT ISSUANCE-- 10/31/80
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ROTOGRAVURE PRINT PRESS	362.00 T/YR VOC				
		VOC	36.0000 T/YR		
				FUME INCINERATOR	90.00

NOTES --------
OPERATES 6240 HRS/YEAR

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: GRAPHIC ARTS — 1073.30 LB/H

COMPANY NAME/SITE LOCATION: CPS INDUSTRIES — FRANKLIN, TN — WILLIAMSON COUNTY

DETERMINATION IS LAER FOR A NEW SOURCE.
PERMIT NO. (REGION FILE NO.) PSD-TN-069
DETERMINATION MADE BY: TENNESSEE APCD (AGENCY) — ANN NIELSON (AGENCY CONTACT PERSON) — (615)-741-3651 (PHONE)
DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
CERUTTI & HELIX PRESSES, 5	1073.30 LB/H TOTAL	VOC	128.1100 LB/H	SOLVENT REC. SYS & CARBON. BED	LAER 84.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/01/1983

SOURCE TYPE/SIZE: GRAPHIC ARTS — 2400.00 T/YR

COMPANY NAME/SITE LOCATION: DIVERSIFIED PRINTING
DICKSON CORAMY INDUSTRIAL PARK — BACKSON, TN 37055 — DICKSON COUNTY

DETERMINATION IS LAER FOR A NEW SOURCE.
PERMIT NO. PSD-TN-069
DETERMINATION MADE BY: TENNESSEE APCD (AGENCY) — ANGIE PITCOCK (AGENCY CONTACT PERSON) — (615)-741-3651 (PHONE)

DATE OF PERMIT ISSUANCE-- 03/10/81
ESTIMATED DATE OF START-UP-- 1982

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PRINTING		VOC	2400.0000 T/YR	CARBON ADSORPTION	LAER 84.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: GRAPHIC ARTS

COMPANY NAME/SITE LOCATION: MEREDITH/BURDA CORP. NEWTON, NC CATAWBA COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 5595
DETERMINATION MADE BY: NORTH CAROLINA DEM (AGENCY); MIKE SEWELL (AGENCY CONTACT PERSON); (919)-733-7015 (PHONE)

DATE OF PERMIT ISSUANCE-- 01/07/85
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PRINT PRESS, 2 ROTOGRAVURE		VOC	84.0000 % OVERALL EFF. 4 CARBON BED ADSORBERS	NSPS 98.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: GRAPHIC ARTS — 2000.00 FT/MIN

COMPANY NAME/SITE LOCATION: R. J. R. ARCHER,INC. 220 E. POLO RD — WINSTON-SALEM, NC

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 00466-0005-P
DETERMINATION MADE BY: FORSYTH COUNTY ENV. AFFAIRS (AGENCY) — KEITH TART (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP--
(919)-727-8060 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ROTOGRAVURE PRESS	2630.00 LB/H PAPER	VOC	341.0000 LB/H	CARBON ADSORB. SYS & RECOVERY SYS	69.00

NOTES --------
LOCAL PERMIT TO CONSTRUCT WAS NOT ISSUED. R.J.R. ARCHER, INC. REQUESTED TERMINATION OF PSD EVALUATION BECAUSE THEY CONTROLLED THE MAJORITY OF THE EXISTING PLANT AND THE OFFSET GENERATED WOULD ELIMINATE THE REQUIREMENTS OF A PSD ANALYSIS.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE/SIZE GRAPHIC ARTS 6736.00 T/YR

COMPANY NAME/SITE LOCATION R.R. DONNELLEY & SONS CO. MATTOON, IL
COLES COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. EPA-5-A-80-17
DETERMINATION MADE BY EPA REGION V (AGENCY) BONIFACE THAYIL (AGENCY CONTACT PERSON) (312)-886-6054 (PHONE)
DATE OF PERMIT ISSUANCE-- 03/18/80
ESTIMATED DATE OF START-UP-- 1981

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ROTOGRAVURE PRESSES, 2 EA	3368.00 T/YR				
		VOC	212.0000 T/YR		BACT
				CARBON ABSORBER	95.00

NOTES --------
OPERATING HOURS MAX. 7280 HRS/YR

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983 04/04/1984

SOURCE TYPE/SIZE: GRAPHIC ARTS

COMPANY NAME/SITE LOCATION: SEIPLE LITHOGRAPH CO., 2213 CLEVELAND AVE. NW, CANTON, OH 44709

DETERMINATION IS
PERMIT NO. 15-264
DETERMINATION MADE BY: CANTON APCD (AGENCY); ANDY PASKO (AGENCY CONTACT PERSON); (216)-489-3385 (PHONE)

DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP-- 1985

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
OFFSET PRINTING PRESS, WEB HEAT*	77.63 LB/H INK	VOC	7.5000 EE-3 LB/H MAX. THERMO-CATALYTIC INCINERATOR	BACT 90.00

NOTES --------
PTI-15-264

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE GRAPHIC ARTS 5860.00 LB/H

COMPANY NAME/SITE LOCATION SOUTHWEST COLOR PRINTING CORP. , TX ANGELINA COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. C-9131
DETERMINATION MADE BY TEXAS ACB (AGENCY) ART KELLOGG (AGENCY CONTACT PERSON: (713)-634-3357 (PHONE)

DATE OF PERMIT ISSUANCE-- 09/22/82
ESTIMATED DATE OF START-UP-- 1983

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
OFFSET PRINTERS, 2	5860.00 LB/H PRODUC*	VOC	204.0000 T/YR	SEE NOTE	
		NOX	3.5000 T/YR	SEE NOTE	

NOTES --------
NOTE-THESE EMISSION LIMITS ARE WITHOUT CONTROLS. IN LIEU OF ADD-ON CONTROL DEVICES THIS SOURCE IS REQUIRED TO CONVERT TO HIGH-SOLIDS OR WATER-BORNE INKS WHEN THEY ARE DEMONSTRATED TO BE SATISFACTORY FOR USE IN THE INDUSTRY.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 05/04/1984

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE/SIZE: GRAPHIC ARTS

COMPANY NAME/SITE LOCATION: TEXAS COLOR, INC. 4800 SPRING VALLEY ROAD FARMERS BRANCH, TX 75235

DETERMINATION IS: DATE OF PERMIT ISSUANCE-- 03/01/84
PERMIT NO. C-9364: ESTIMATED DATE OF START-UP-- 1984
DETERMINATION MADE BY: TEXAS ACB (AGENCY) A. J. KELLOGG (AGENCY CONTACT PERSON) (512)-451-5711 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICAT_ON	... & BASIS ... PCT EFF
OFFSET PRINTING PRESS	3107.00 CF/M	VOC	74.8000 T/YR	FUME CONDENSER	B/L 92.10

NOTES --------
THE CONTROL DEVICE IS A PPFS FUME CONDENSER, MODEL 5000, SUPPLIED BY MMT ENVIRONMENTAL, INC., 4693 NORTH CHATWORTH STREET, ST. PAUL, MINNESOTA, 55112, (612)-483-0956

REVIEW STATUS: INITIAL REVIEW POST STARTUP

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE/SIZE GRAPHIC ARTS

COMPANY NAME/SITE LOCATION UNION INDUSTRIES, INC. PROVIDENCE, RI

DETERMINATION IS LAER FOR A NEW SOURCE.
PERMIT NO. 700,701
DETERMINATION MADE BY RHODE ISLAND DEM (AGENCY) DOUG MCVAY (AGENCY CONTACT PERSON) (401)-277-2808 (PHONE)

DATE OF PERMIT ISSUANCE-- 04/10/85
ESTIMATED DATE OF START-UP-- 1985

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PRINTING PRESS, 6 COLOR FLEXOGR*		VOC	CATALYTIC INCINERATOR	LAER 98.00

NOTES --------
EFFICIENCY IS FOR INLET VS. OUTLET OF INCINERATOR. CAPTURE EFFICIENCY IS ESTIMATED AT 77.0 % FOR AN OVERALL EFFICIENCY OF 75%.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: GRAPHIC ARTS — 32.00 LB/H INK

COMPANY NAME/SITE LOCATION: UNITED COLOR PRESS, 351 GARVER RD, MONROE, OH, BUTLER COUNTY

DETERMINATION IS
PERMIT NO. 18-176
DETERMINATION MADE BY: SOUTHWEST OHIO APCA (AGENCY) — RAY SILBERNAGL (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 09/17/83
ESTIMATED DATE OF START-UP-- 198?
(513)-251-8777 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
OVEN & PRESS, TITAN	32.00 LB/H INK	VOC	90.0000 % CONTROL	CATALYTIC INCINERATOR	TECH 92.00

NOTES --------
92% DESTRUCTION EFFICIENCY DEMONSTRATED, CAPTURE EFFICIENCY UNDETERMINED. THE SOURCE WAS MOVED FROM PREVIOUS LOCATION, TRIGGERING NEW SOURCE REVIEW REQUIREMENTS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE GRAPHIC ARTS

COMPANY NAME/SITE LOCATION WORLD COLOR PRESS SALEM, IL
MARION COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. C 80 10 0006
DETERMINATION MADE BY ILLINOIS EPA (AGENCY)
CHRIS ROMAINE (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 01/13/82
ESTIMATED DATE OF START-UP-- 1980
(217)-782-2113 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ROTOGRAVURE PRESSES		VOC	336.0000 T/YR	CARBON ADSORPTION SYSTEM	BACT 94.00
OFFSET PRESSES		VOC	251.0000 T/YR	AFTERBURNER SYSTEM OR EQUIVALENT SYSTEM	BACT 90.00

NOTES --------
1.BACT RETROSPECTIVELY APPLIED WHEN PSD PROJECT BROUGHT TO LIGHT BY APPLICANT. 2.EFFECTIVENESS OF AFTERBURNERS FOR OFFSET PRESSES IS BEING INVESTIGATED WITH TRIAL PROGRAM ON ONE PRESS TO BE CONCLUDED 3/84. EVALUATING ADD ON CONTROLS VS. REDUCTIONS ACHIEVED THROUGH REFORMULATION OF INK AND FOUNTAIN SOLUTION. LIMITS WILL BE ADJUSTED ACCORDINGLY.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983 04/04/1984

SOURCE TYPE/SIZE: GRAPHIC ARTS — 120.00 MMBTU/H

COMPANY NAME/SITE LOCATION: W.F. HALL PRINTING CO., 4310 EVANS TO LOCK RD — EVANS, GA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 2754-036-8480
DETERMINATION MADE BY: GEORGIA EPD (AGENCY); BILL FARRISEE (AGENCY CONTACT PERSON); (404)-656-4867 (PHONE)

DATE OF PERMIT ISSUANCE-- 10/04/82
ESTIMATED DATE OF START-UP-- 1981

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILERS, 2	60.00 MMBTU/H	PM	0.1000 LB/MMBTU	BOILER DESIGN	NSPS
		SO2	246.0000 LB/H 0.8000 LB/MMBTU	BOILER DESIGN	NSPS
PRINTING	513.00 LB/H VOC	VOC	39.0000 LB/H	CARBON ADSORPTION SYSTEM	LAER 95.00
		CO			
		NOX	0.3000 LB/MMBTU	BOILER DESIGN	NSPS

NOTES --------
PERMIT AMMENDED TO COVER TWO BOILERS INSTEAD OF THREE BOILERS IN ORIGINAL PERMIT AND TO COVER USE OF NO.6 FUEL (2.1% SULFUR) I NSTEAD OF NO.6 FUEL (.9% SULFUR) IN ORIGINAL PERMIT.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: OTHER ORGANIC EVAPORATION LOSS — 300.00 GAL TOPCOAT/D

COMPANY NAME/SITE LOCATION: BROYHILL FURNITURE — NEWTON, NC — CATAWBA COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. NC-035
DETERMINATION MADE BY: NORTH CAROLINA DEM (AGENCY) — MIKE SEWELL (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP--
(919)-733-6126 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SPRAY BOOTHS		VOC	688.0000 T/YR	NONE EQUIPMENT DESIGN & OPERATION	BACT

NOTES --------
11 SPRAY BOOTHS

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: OTHER ORGANIC EVAPORATION LOSS

COMPANY NAME/SITE LOCATION: CAPITOL MAGNETIC PRODUCTS DIV., CAPITOL* — WINCHESTER, VA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 20836
DETERMINATION MADE BY: VIRGINIA APCB (AGENCY) — KATHERINE MILLER (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 11/27/84
ESTIMATED DATE OF START-UP-- 1985
(804)-786-1433 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
RESIN DISSOLUTION & MIXING	1.58 T/H	VOC	6000.0000 ACFM	CARBON ADSORPTION	BACT 95.00
PRE-MIX SLURRY	1.25 T/H	VOC	6000.0000 ACFM	CARBON ADSORPTION	BACT 95.00
BALL MILLING	0.26 T/H	VOC	6000.0000 ACFM	CARBON ADSORPTION	BACT 99.90
COATING APPLICATION	1.67 T/H	VOC	6000.0000 ACFM	CARBON ADSORPTION	BACT 95.00
COATING DRYING	1.76 T/H	VOC	6000.0000 ACFM	REFRIGERANT CONDENSER	BACT 100.00
CARBON ADSORPTION	0.25 T/H	VOC	6000.0000 ACFM	CARBON ADSORPTION	BACT 90.00
REFRIGERANT CONDENSER	1.05 T/H	VOC	6000.0000 ACFM	REFRIGERANT CONDENSER	BACT 95.00

NOTES --------
PRODUCING 961.0 T/YR VOC. OPERATING 24 H/D, 7 D/WK, 47 WK/YR.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: OTHER ORGANIC EVAPORATION LOSS

COMPANY NAME/SITE LOCATION: FLUORESCENT EQUIPMENT & MFG CO. — BEDFORD HTS, OH 44146
24350 SOLON RD

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 13-1133
DETERMINATION MADE BY: CLEVELAND DAPC (AGENCY) — IKE HABIB (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP--
(216)-664-3508 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COATING LINE, LIGHT FIXTURES	1000.00 LB/H	VOC	0.2500 T/YR		

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: OTHER ORGANIC EVAPORATION LOSS

COMPANY NAME/SITE LOCATION: GUARDIAN INDUSTRIES CORP. , TX
NAVARRO COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. X-4293
DETERMINATION MADE BY: TEXAS ACB (AGENCY) ROBERT MAUEL (AGENCY CONTACT PERSON) (512)-451-5711 (PHONE)

DATE OF PERMIT ISSUANCE-- 06/08/83
ESTIMATED DATE OF START-UP-- 1983

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS ... CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COATING APPLICATOR				
		VOC	NONE	
			VACUUM SPUTTERING MACHINE	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 05/04/1984

SOURCE TYPE/SIZE: OTHER ORGANIC EVAPORATION LOSS

COMPANY NAME/SITE LOCATION: MEREDITH CORP. — DES MOINES, IA

DETERMINATION IS BACT FOR A MODIFIED SOURCE.

DATE OF PERMIT ISSUANCE-- 04/15/82

PERMIT NO.

ESTIMATED DATE OF START-UP--

DETERMINATION MADE BY: EPA REGION VII (AGENCY) — STEVE KOVAC (AGENCY CONTACT PERSON) — (816)-374-6525 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ROTOGRAVURE PRINTING PRESS	1614.00 LB/H SOLVENT	VOC	16.0000 % VOL SOLVENT USED	
			SOLVENT RECOVERY SYSTEM	95.00
FLEXOGRAPHIC PRINTER				

NOTES --------

THE FLEXOGRAPHIC PRINTER SHALL NOT USE A RAW INK (OR RELATED COATING) WITH A RATIO OF VOC VOLUME CONTENT TO SOLIDS VOLUME CONTENT WHICH IS GREATER THAN 0.64 NOR SHALL RAW INK BE DILUTED WITH ANYTHING OTHER THAN WATER ADDITION.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP

REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: OTHER ORGANIC EVAPORATION LOSS

COMPANY NAME/SITE LOCATION: MR. SPA, INC. — CAMARILLO, CA — VENTURA COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 1240-1
DETERMINATION MADE BY: VENTURA COUNTY APCD (AGENCY); KEITH DUVAL (AGENCY CONTACT PERSON); (805)-654-2664 (PHONE)

DATE OF PERMIT ISSUANCE-- 09/08/83
ESTIMATED DATE OF START-UP-- 1983

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
FIBERGLASS-POLYESTER RESIN APPL*	3093.00 LB/D RESIN	VOC	120.0000 LB/D	SEE NOTE	

NOTES --------
FILE A 340-A013. INCREASE STYRENE CONTENT IN GEL COAT TO ELIMINATE NEED FOR ACETONE DILUTION, USE OF FILLER MATERIAL IN RESIN FOR DISPLACEMENT, VAPOR SUPPRESENT IN RESIN.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/26/1984

SOURCE TYPE/SIZE: OTHER ORGANIC EVAPORATION LOSS — 25.00 UNITS/H

COMPANY NAME/SITE LOCATION: PHILLIPS INDUSTRIES, INC. — LANCASTER, TX — DALLAS COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 9519
DETERMINATION MADE BY: TEXAS ACB (AGENCY) — JIM CUNNINGHAM (AGENCY CONTACT PERSON) — (512)-451-5711 (PHONE)

DATE OF PERMIT ISSUANCE-- 01/16/85
ESTIMATED DATE OF START-UP-- 1985

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SPRAY BOOTH, 3	25.00 UNITS/H	VOC	SEE NOTE #1 THERMAL OXIDIZER	NOTE 85.00

NOTES --------
NOTE #1 - OUTPUT OF VOC CONSTRAINED BY 200.0 MG/CU. M - 30 MINUTE OUTPUT HEALTH EFFECT LIMIT. NOTE #2 - BASIS OF LIMIT IS INSPECTION.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: OTHER ORGANIC EVAPORATION LOSS

COMPANY NAME/SITE LOCATION: PPG INDUSTRIES, INC. 3800 WEST 143 ST. CLEVELAND, OH 44111

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 13/18/00/0101,SEE N*
DETERMINATION MADE BY: CLEVELAND DAPC (AGENCY) | IKE HABIB (AGENCY CONTACT PERSON) | (216)-664-3508 (PHONE)

DATE OF PERMIT ISSUANCE-- 01/06/84
ESTIMATED DATE OF START-UP-- 1984

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENTIRE PLANT, SEE NOTE #2					
		VOC			
				THERMAL INCINERATOR SYSTEM	90.00
		ODOR			
				THERMAL INCINERATOR SYSTEM	90.00
FUGITIVE EMISSIONS					
		PM	898.00 T/YR	UNCONTROLLED	

NOTES --------
NOTE - SOURCE # P001-P004, P008-P010, P013-P015, P017, P019-P022, P024- P029, P032, P033, P035-P040, P043-P046, & T116-T122. N
OTE #2 - INCLUDES SAND MILLS, ATTRITION MILLS, COWLES & HOCKMEYER MIXERS, BATCH BLENDING TANKS,
TANK & TOTE BIN CLEANING BOOTHS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: OTHER ORGANIC EVAPORATION LOSS

COMPANY NAME/SITE LOCATION: ROCKWELL INTERNATIONAL — TULSA, OK

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. T80-43
DETERMINATION MADE BY: TULSA CITY-COUNTY HEALTH DEPT (AGENCY) — BILL GIBBONS (AGENCY CONTACT PERSON) — (918)-744-1000 (PHONE)

DATE OF PERMIT ISSUANCE-- 07/08/80
ESTIMATED DATE OF START-UP-- 1981

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
CHEM MASKANT ON ACFT SKINS	NOTE #1	VOC	202.0000 T/YR UNCONT.,NOTE#2	CARBON ADSORPTION	90.00
BOND PRIME, PRIME & ENAMEL COAT*	NOTE #1	VOC	18.4000 T/YR UNCONT.,NOTE#2 3.4000 T/YR CONT.,NOTE#2	CARBON ADSORPTION UNITS	80.00

NOTES --------
1) MASKANT & COATINGS RELATED TO COMMERCIAL AIRCRAFT BODY SECTION PRODUCTION, PERMIT LIMITS PRODUCTION TO 144 SHIP SETS PER YE
AR.
2) BATCH TYPE COATINGS OPERATIONS NEGATES MEANINGFUL HOURLY EMISSION RATE.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

SOURCE TYPE/SIZE: OTHER ORGANIC EVAPORATION LOSS

COMPANY NAME/SITE LOCATION: SOLVENT RESOURCE RECOVERY — WEST CARROLLTON, OH

DETERMINATION IS LAER FOR A NEW SOURCE.
PERMIT NO. 0857751346 P004
DETERMINATION MADE BY: RAPCA - DAYTON,OH (AGENCY) — GORBY LEE (AGENCY CONTACT PERSON) — (513)-225-4435 (PHONE)

DATE OF PERMIT ISSUANCE-- 07/07/82
ESTIMATED DATE OF START-UP-- 1982

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
DISTILLATION UNIT	300000.00 GAL/YR	VOC	1.2700 LB/D 0.1600 T/YR	CONDENSORS	99.99

NOTES --------
DISTILLATION UNIT IS OPERATED WITH CONDENSORS WHICH ARE 150% OF DESIGN CAPACITY.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983 02/13/1984

SOURCE TYPE/SIZE: OTHER ORGANIC EVAPORATION LOSS

COMPANY NAME/SITE LOCATION: U.S. AVIEX CO.
1800 TERMINAL ROAD
NILES, MI 49120

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 260-83
DETERMINATION MADE BY: MICHIGAN DNR (AGENCY); ASAD KHAN (AGENCY CONTACT PERSON); (517)-322-1333 (PHONE)
DATE OF PERMIT ISSUANCE-- 10/14/83
ESTIMATED DATE OF START-UP-- 1983

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
CONTAMINATED GROUND WATER CLEAN*	200.00 GPM	1,1*	16.9100 MG/CU METER	3 - 1000 CFM CAP. ADSORPTION UNITS	90.00
		CAR*	5.3400 MG/CU METER		
		TRI*	2.6700 MG/CU METER		
		CHL*	0.0800 MG/CU METER		
		VOC	28.4700 MG/CU METER		

NOTES --------
VOC DETERMINED BY BACT REQUIREMENTS PER STATE REGULATIONS.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/19/1984

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE CODE 4.14